

Codeigniter User Guide 213

"The recipes in this book give you instant results and will help you develop web applications, leveraging the CakePHP features that allow you to build robust and complex applications"--p. [1].

Defined as, [The science about the development of an embryo from the fertilization of the ovum to the fetus stage,] embryology has been a mainstay at universities throughout the world for many years. Throughout the last century, embryology became overshadowed by experimental-based genetics and cell biology, transforming the field into developmental biology, which replaced embryology in Biology departments in many universities. Major contributions in this young century in the fields of molecular biology, biochemistry and genomics were integrated with both embryology and developmental biology to provide an understanding of the molecular portrait of a [developmental cell.] That new integrated approach is known as stem-cell biology; it is an understanding of the embryology and development together at the molecular level using engineering, imaging and cell culture principles, and it is at the heart of this seminal book. Stem Cells and Regenerative Medicine: From Molecular Embryology to Tissue Engineering is completely devoted to the basic developmental, cellular and molecular biological aspects of stem cells as well as their clinical applications in tissue engineering and regenerative medicine. It focuses on the basic biology of embryonic and cancer cells plus their key involvement in self-renewal, muscle repair, epigenetic processes, and therapeutic applications. In addition, it covers other key relevant topics such as nuclear reprogramming induced pluripotency and stem cell culture techniques using novel biomaterials. A thorough introduction to stem-cell biology, this reference is aimed at graduate students, post-docs, and professors as well as executives and scientists in biotech and pharmaceutical companies.

Examine the building blocks that make any good MVC framework using PHP 8. This book exposes all the considerations that many developers take for granted when using a popular framework, and teaches you how to make this MVC framework your own. You'll quickly get started writing your first bit of framework code, then, you build a variety of examples using aspects of an MVC framework, including a router, a template engine, a database library, a persistence engine (ORM), and a testing framework. In the next section, you'll implement sessions, caches, file systems, queues, logging, and mail. You'll wrap up by building a larger scale sample web application: a sales website for a company that sells rockets. Along the way, this book lays bare all the secret parts of MVC to take with you to apply to your own PHP-based MVC projects. What You Will Learn Build PHP-based web applications using the model view controller (MVC) architecture Write your first bit of framework code Create various aspects of applications, engines, and other frameworks Wrap up with a sample case study application Who This Book Is For Experienced PHP and web developers. Some prior experience with PHP and web development at least recommended.

The first detailed, unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs. This guide uses Symfony, CakePHP, and Zend Framework to solve key problems, providing source code examples and comparisons for each. It explains the approach and reviews the similarities and differences in the three frameworks, providing reliable information on which to base your decisions. Symfony, CakePHP, and Zend Framework are considered the leading PHP frameworks; developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems, illustrating the solutions with source code examples and working applications Covers wide range of topics, from installation and configuration to most advanced features like AJAX, web services and automated testing. Includes an appendix of new PHP frameworks, including CodeIgniter, Lithium, and Agavi Bestselling PHP author Elizabeth Naramore serves as technical editor Comparison of PHP Web Frameworks provides the impartial, side-by-side comparison that developers have been looking for.

Professional CodeIgniter

CakePHP 1.3 Application Development Cookbook

Building Social Context Using Facebook, Google Friend Connect, and the Twitter API, The

A Framework for Building Modern PHP Apps

ICCSA 2019

Proceeding of International Conference on Computational Science and Applications

Expert Python Programming

Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, MySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know.

Become an ace Python programmer by learning best coding practices and advance-level concepts with Python 3.5 About This Book Based on the latest stable version of Python (version 3.5) Creating well manageable code that will run in various environments with different sets of dependencies Packed with advanced concepts and best practices to write efficient Python code Who This Book Is For The book would appeal to web developers and Python programmers who want to start using version 3.5 and write code efficiently. Basic knowledge of Python programming is expected. What You Will Learn Conventions and best practices that are widely adopted in the python community Package python code effectively for community and production use Easy and lightweight ways to automate code deployment on remote systems Improve your code's quality, reliability, and performance Write concurrent code in python Extend python with code written in different languages In Detail Python is a dynamic programming language, used in a wide range of domains by programmers who find it simple, yet powerful. Even if you find writing Python code easy, writing code that is efficient and easy to maintain and reuse is a challenge. The focus of the book is to familiarize you with common conventions, best practices, useful tools and standards used by python professionals on a daily basis when working with code. You will begin with knowing new features in Python 3.5 and quick tricks for improving productivity. Next, you will learn advanced and useful python syntax elements brought to this new version. Using advanced object-oriented concepts and mechanisms available in python, you will learn different approaches to implement metaprogramming. You will learn to choose good names, write packages, and create standalone executables easily. You will also be using some powerful tools such as buildout and virtualenv to release and deploy the code on remote servers for production use. Moving on, you will learn to effectively create Python extensions with C, C++, cython, and pyrex. The important factors while writing code such as code management tools, writing clear documentation, and test-driven development are also covered. You will now dive deeper to make your code efficient with general rules of optimization, strategies for finding bottlenecks, and selected tools for application optimization. By the end of the book, you will be an expert in writing efficient and maintainable code. Style and approach An easy-to-follow guide that covers industry followed best practices in Python programming

Using CSS to add transitions and animation to web page designs takes advantage of the dynamic nature of designing for the web. They are quickly becoming the de facto way designers can add a measure of delight and surprise to web pages. More importantly, they can help make web pages more usable. Using stunning visuals and design, CSS Animations and Transitions for the Modern Web teaches web designers how to dynamically change design elements on a web page over time. It starts by showing a variety of ways you can transform elements and then teaches two different methods for setting the change in motion in action. The book will start the topic as simply as possible and build on the basics with more elaborate techniques. Simple examples will be presented throughout and the book will close with more detailed, complex, and practical examples. For most of his examples, Steven uses the new open-source code editor from Adobe, Brackets, but the book is perfectly usable with any code editing environment or even a simple text editor.

??E-Commerce Strategy: Text and Cases provides the fundamental literature required for graduate students and practitioners to understand electronic commerce. Each chapter provides clearly designed learning objectives and review questions to highlight the major topics and goals. This book covers many of the new innovations and technologies that have been established for e-commerce site development. Unlike similar books, topics such as e-channel adoption, factors affecting e-commerce adoption, and strategy design are reviewed in greater depth. Additionally, the book examines areas not normally covered like open source, online research, and peer-to-peer systems. E-Commerce Strategy: Text and Cases is divided into two parts. Part 1 examines the evolution of e-commerce, analyzes different sectors such as B2B and m-Commerce, and explores the challenges they face. Case studies of well known companies reinforce the concepts learned to demonstrate both successes and failures in the field. Part 2 deals with developing strategies in e-Commerce and looks at future trends including Web 2.0. Overall, the useful guidelines provided should prove valuable to students and researchers in the field.

Learning PHP 7

E-Commerce Strategy

Mastering Joomla! 1.5 Extension and Framework Development

Covert Conflict in International Politics

Management Information Systems

A Code of Conduct for Professional Programmers

Proven Enterprise Development Tools and Best Practices for Designing, Coding, Testing, and Deploying PHP Applications

PHP security, just like PHP itself, has advanced. Updated for PHP 5.3, the second edition of this authoritative PHP security book covers foundational PHP security topics like SQL injection, XSS, user authentication, and secure PHP development. Chris Snyder and Tom Myer also delve into recent developments like mobile security, the impact of JavaScript, and the advantages of recent PHP hardening efforts. Pro PHP Security, Second Edition will serve as your complete guide for taking defensive and proactive security measures within your PHP applications. Beginners in secure programming will find a lot of material on secure PHP development, the basics of encryption, secure protocols, as well as how to reconcile the demands of server-side and web application security.

This book takes a comprehensive look at Magento, a robust and flexible e-commerce platform built on the Zend framework. With more than 750,000 downloads, Magento is the fastest growing open source e-commerce solution. This book walks you through all of the steps necessary to build a fully functional Magento-based web site. It also includes information on managing products, customers, and orders. This book is directed at web site designers and developers, but will also be extremely useful for business owners who have web sites built on the Magento platform. Introduces you to Magento, the fastest-growing open-source e-commerce platform Demonstrates how to configure and use Magento Covers how to customize Magento and develop extensions for the Magento platform

Use new features of PHP 7 to solve practical, real-world problems faced by PHP developers like yourself every day. About This Book This course covers the new features of version 7.x, best practices for server-side programming, and MVC frameworks Leverage the potential of PHP for server-side programming, memory management, and Object-Oriented Programming to improve your programming productivity This course also illustrates the development of a complete modular application using PHP 7 in detail Who This Book Is For If you are an aspiring web developer, mobile developer, or back-end programmer, who has basic experience in PHP programming and wants to develop performance-critical applications, then this course is for you. It will take your PHP programming skills to next level. What You Will Learn Solve practical real-world programming problems using PHP 7 Discover where and when PHP 5 code needs to be re-written to avoid backwards-compatibility breaks Use advanced PHP 7 features such as the Abstract Syntax Tree, Uniform Variable Syntax, Scalar Type Hints, Generator Delegation, Anonymous Classes, and the Context Sensitive Lexer Set up a high performance development and production environment for PHP 7 Discover new OOP features in PHP 7 to achieve high performance Discover the new features of PHP 7 that are relevant to modular application development Explore the ins and outs of the Symfony framework Build a set of modules based on the Symfony framework that comprise a simple web shop app In Detail PHP is a great language for developing web applications. It is essentially a server-side scripting language. PHP 7 is the latest version, providing major backward-compatibility breaks and focusing on improved performance and speed. This course follows a learning path which is divided into three modules. Each module is a mini course in its own right, taking your basic PHP programing skills to the next level by showing you intermediate to advanced PHP techniques with a focus on PHP 7. This way, get you equipped with the tools and skills required to develop professional and efficient applications for your websites and enterprises. The first module of the book is a programming cookbook that consists over 80 recipes! Each recipe is designed to solve practical, real-world problems faced by PHP developers like yourself every day. This course also covers new ways of writing PHP code made possible only in version 7. The second module of the course is designed to improve the performance and productivity of your application. We'll introduce you to the concepts of Object-Oriented Programming (OOP) in PHP 7, then shed some light on how to improve the performance of your PHP 7 applications and database. Throughout this module you will be introduced to benchmarking tools. With all important concepts of PHP covered up you will move on to third module. In this module you will gain a deep insight into the modular programming paradigm and how to achieve modularity in your PHP code. Modular design techniques help you build readable, manageable, reusable, and more efficient codes. PHP 7, which is a popular open source scripting language, is used to build modular functions for your software. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: PHP 7 Programming Cookbook, Doug Bierer Learning PHP 7 High Performance, Altaf Hussain Modular Programming with PHP 7, Branko Ajzele Style and approach This book takes a practical, step-by-step approach with real-world examples that serve as building blocks for your application development and guide you through improving the quality of your code.

Learn the art of PHP programming through this example-rich book filled to the brim with tutorials every PHP developer needs to know About This Book Set up the PHP environment and get started with web programming Leverage the potential of PHP for server-side programming, memory management, and object-oriented programming (OOP) This book is packed with real-life examples to help you implement the concepts as you learn Who This Book Is For If you are a web developer or programmer who wants to create real-life web applications using PHP 7, or a beginner who wants to get started with PHP 7 programming, this book is for you. Prior knowledge of PHP, PHP 7, or programming is not mandatory. What You Will Learn Set up a server on your machine with PHP Use PHP syntax with the built-in server to create apps Apply the OOP paradigm to PHP to write richer code Use MySQL to manage data in your web applications Create a web application from scratch using MVC Add tests to your web application and write testable code Use an existing PHP framework to build and manage your applications Build REST APIs for your PHP applications Test the behavior of web applications with Behat In Detail PHP is a great language for building web applications. It is essentially a server-side scripting language that is also used for general purpose programming. PHP 7 is the latest version with a host of new features, and it provides major backwards-compatibility breaks. This book begins with the fundamentals of PHP programming by covering the basic concepts such as variables, functions, class, and objects. You will set up PHP server on your machine and learn to read and write procedural PHP code. After getting an understanding of OOP as a paradigm, you will execute MySQL queries on your database. Moving on, you will find out how to use MVC to create applications from scratch and add tests. Then, you will build REST APIs and perform behavioral tests on your applications. By the end of the book, you will have the skills required to read and write files, debug, test, and work with MySQL. Style and approach This book begins with the basics that all PHP developers use every day and then dives deep into detailed concepts and tricks to help you speed through development. You will be able to learn the concepts by performing practical tasks and implementing them in your daily activities, all at your own pace.

The Software Developer's Life Manual

PHP 7: Real World Application Development

Medical Eligibility Criteria for Contraceptive Use

Advanced Computer and Communication Engineering Technology

PHP, MySQL, & JavaScript All-in-One For Dummies

Domain-Driven Design in PHP

Proceedings of ICOCOE 2015

Are you a small-business owner, consultant, or marketing manager for a big company selling an intangible service or hard-to-understand product? Does it take a while to gain your customer's trust and make the sale?If you answered "yes" to any of these questions, this Short Cut will walk you through a step-by-step process for generating leads and sales.This Short Cut helps you identify metrics for success, create a plan to hit those metrics, and put in place a system for nurturing leads into successful sales.

This book is the proceeding of the International Conference on Sustainable Management and Innovation (ICoSMI 2020) that was successfully held on 14-16 September 2020 using an online platform. The conference was mainly organized by the Department of Management IPB University in collaboration with Leibniz University of Hannover, Universiti Putera Malaysia, Kasetsart University, Tun Hussein Onn University of Malaysia, Tamil Nadu Teachers Education University, Deakin University, University of Adelaide, Forum Manajemen Indonesia, FE Pakuan University, FE Gajah Mada University FEB University of North Sumatra and FEB Andalas University, SBM Bandung Institute of Technology, FEB Lampung University, Perbanas Institute Jakarta, FE Bina Nusantara University, and SBE Prasetiya Mulya University. This conference has brought academic researchers, business practitioners as well as graduate students together to exchange their experiences and research results about most aspects of innovation and sustainability, and discuss the practical challenges encountered and the solutions adopted. About 402 delegates across the world including Indonesia, Malaysia, Thailand, Spain, China, and India have attended and presented their research works in the conference. The proceeding consists of 80 high-quality papers that were selected from more than 250 submitted papers. The papers are classified into 12 themes, namely Finance for Sustainability, Industry 4.0 and Future Business Sustainability, Policy and Strategy for Sustainable Innovation and Supply Chain, Smart Agriculture Management for Environmental Sustainability, and Sustainable Human Resources. Finally, we would like to express the greatest thanks to all colleagues in the steering and organizing committee for their cooperation in administering and arranging the conference as well as reviewers for their academic works and commitment to reviewing papers.

Real examples written in PHP showcasing DDD Architectural Styles, Tactical Design, and Bounded Context Integration About This Book Focuses on practical code rather than theory Full of real-world examples that you can apply to your own projects Shows how to build PHP apps using DDD principles Who This Book Is For This book is for PHP developers who want to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book doesn't dwell on the theory, but instead gives you the code that you need. What You Will Learn Correctly design all design elements of Domain-Driven Design with PHP Learn all tactical patterns to achieve a fully worked-out Domain-Driven Design Apply hexagonal architecture within your application Integrate bounded contexts in your applications Use REST and Messaging approaches In Detail Domain-Driven Design (DDD) has arrived in the PHP community, but for all the talk, there is very little real code. Without being in a training session and with no PHP real examples, learning DDD can be challenging. This book changes all that. It details how to implement tactical DDD patterns and gives full examples of topics such as integrating Bounded Contexts with REST, and DDD messaging strategies. In this book, the authors show you, with tons of details and examples, how to properly design Entities, Value Objects, Services, Domain Events, Aggregates, Factories, Repositories, Services, and Application Services with PHP. They show how to apply Hexagonal Architecture within your application whether you use an open source framework or your own. Style and approach This highly practical book shows developers how to apply domain-driven design principles to PHP. It is full of solid code examples to work through.

Over 80 recipes that will take your PHP 7 web development skills to the next level! About This Book This is the most up-to-date book in the market on PHP It covers the new features of version 7.x, best practices for server-side programming, and MVC frameworks The recipe-based approach will allow you to explore the unique capabilities that PHP

offers to web programmers Who This Book Is For If you are an aspiring web developer, mobile developer, or backend programmer, then this book is for you as it will take your PHP programming skills to next level. Basic knowledge of PHP programming is assumed. **What You Will Learn** Use advanced PHP 7 features, such as the Abstract Syntax Tree, Uniform Variable Syntax, Scalar Type Hints, Generator Delegation, Anonymous Classes, and the Context Sensitive Lexer Discover where and when PHP 5 code needs to be re-written to avoid backwards-compatibility breaks Improve the overall application security and error handling by taking advantage of classes that implement the new throwable interface Solve practical real-world programming problems using PHP 7 Develop middle-wareclasses that allow PHP developers to gluedifferent open source libraries together seamlessly Define and Implement PSR-7 classes Create custom middleware using PSR-7 compliant classes Test and debug your code, and get to know the best practices In Detail PHP 7 comes with a myriad of new features and great tools to optimize your code and make your code perform faster than in previous versions. Most importantly, it allows you to maintain high traffic on your websites with low-cost hardware and servers through a multithreading web server. This book demonstrates intermediate to advanced PHP techniques with a focus on PHP 7. Each recipe is designed to solve practical, real-world problems faced by PHP developers like yourself every day. We also cover new ways of writing PHP code made possible only in version 7. In addition, we discuss backward-compatibility breaks and give you plenty of guidance on when and where PHP 5 code needs to be changed to produce the correct results when running under PHP 7. This book also incorporates the latest PHP 7.x features. By the end of the book, you will be equipped with the tools and skills required to deliver efficient applications for your websites and enterprises. **Style and approach** This book takes a recipe-based approach, with real-world examples that can serve as building blocks for a larger application. Each recipe is self-contained with no external dependencies. This book follows a problem-solution strategy so you understand how to deal with various scenarios you may encounter while using PHP 7 in your daily activities.

Developer's Guide to Social Programming

From Molecular Embryology to Tissue Engineering

Proceedings of the 1st International Conference on Sustainable Management and Innovation, ICoSMI 2020, 14-16 September 2020, Bogor, West Java, Indonesia

From Application Security Principles to the Implementation of XSS Defenses

Lead Generation on the Web

Smart Technologies, Systems and Applications

First International Conference, SmartTech-IC 2019, Quito, Ecuador, December 2-4, 2019, Proceedings

Presents practical advice on the disciplines, techniques, tools, and practices of computer programming and how to approach software development with a sense of pride, honor, and self-respect.

Use your existing web-based PHP skills to write all types of software: CLI scripts, desktop software, network servers, and more. This book gives you the tools, techniques, and background necessary to write just about any type of software you can think of, using the PHP you know. PHP Beyond the Web shows you how to take your knowledge of PHP development for the web and utilise it with a much wider range of software systems. Enjoy the benefits of PHP after reading this book: save money by redeploying existing skills, not learning new ones; save time and increase productivity by using a high-level language; and make money by providing your clients a full-stack service (not just websites). PHP is no longer just a great scripting language for websites, it's now a powerful general-purpose programming language. Expand your use of PHP into your back-end systems, server software, data processing services, desktop interfaces, and more. **What You'll Learn** Write interactive shell scripts Work with system daemons Write desktop software Build network servers Interface with electronics using PHP and the Raspberry Pi Manage performance, deployment, licensing, and system interaction Discover the software tools for development and get other great sources of technical information and help **Who This Book Is For** Experienced PHP programmers or experienced programmers interested in leveraging PHP outside the web development context. /div

For most software developers, coding is the fun part. The hard bits are dealing with clients, peers, and managers and staying productive, achieving financial security, keeping yourself in shape, and finding true love. This book is here to help. **Soft Skills: The Software Developer's Life Manual** is a guide to a well-rounded, satisfying life as a technology professional. In it, developer and life coach John Sonmez offers advice to developers on important subjects like career and productivity, personal finance and investing, and even fitness and relationships. Arranged as a collection of 71 short chapters, this fun listen invites you to dip in wherever you like. A "Taking Action" section at the end of each chapter tells you how to get quick results. **Soft Skills** will help make you a better programmer, a more valuable employee, and a happier, healthier person.

If you're a PHP developer, you can build Rails-like applications without learning a new language by following the hands-on tutorials in Professional CodeIgniter. In this book, find an overview of MVC and agile technologies, model and schema for products, helpers and libraries, Ajax and Scriptaculous, and explanations of the creation of applications like content management, blogs, and forums. Follow the step-by-step instructions for building and perfecting each application with CodeIgniter, and you will learn how to avoid everyday problems that other reference manuals don't address.

Pro PHP MVC

Over 60 Great Recipes for Developing, Maintaing, and Deploying Web Applications

The Clean Coder

Distributed Data at Web Scale

Proceedings of the 1st International Conference on Communication and Computer Engineering

Yii 1.1 Application Development Cookbook

Managing the Digital Firm

This book is a practical guide that takes you through a number of techniques. Each chapter builds upon knowledge from the previous chapter. Step-by-step instructions with examples and illustrative screenshots ensure that you gain a firm grasp of the topic being explained. This book is written for advanced PHP developers with a good working knowledge of Object Oriented Programming techniques who are comfortable with developing applications and wish to use CodeIgniter to make their development easier, quicker, and more fun. Basic knowledge of CodeIgniter will be helpful. This book will suit developers who fall into three categories: Professional Developers – employees of a software house or organization with in-house software development, Freelance Developers – solo developers working in the industry on their own. Just-for-fun Developers – people working with PHP building web applications is their spare time for fun

In recent years, searching for source code on the web has become increasingly common among professional software developers and is emerging as an area of academic research. This volume surveys past research and presents the state of the art in the area of "code retrieval on the web." This work is concerned with the algorithms, systems, and tools to allow programmers to search for source code on the web and the empirical studies of these inventions and practices. It is a label that we apply to a set of related research from software engineering, information retrieval, human-computer interaction, management, as well as commercial products. The division of code retrieval on the web into snippet remixing and component reuse is driven both by empirical data, and analysis of existing search engines and tools. Contributors include leading researchers from human-computer interaction, software engineering, programming languages, and management.

"Finding Source Code on the Web for Remix and Reuse" consists of five parts. Part I is titled "Programmers and Practices," and consists of a retrospective chapter and two empirical studies on how programmers search the web for source code. Part II is titled "From Data Structures to Infrastructures," and covers the creation of ground-breaking search engines for code retrieval required ingenuity in the adaptation of existing technology and in the creation of new algorithms and data structures. Part III focuses on "Reuse: Components and Projects," which are reused with minimal modification. Part IV is on "Remix: Snippets and Answers," which examines how source code from the web can also be used as solutions to problems and answers to questions. The book concludes with Part V, "Looking Ahead," that looks at future programming and the legalities of software reuse and remix and the implications of current intellectual property law on the future of software development. The story, "Richie Boss: Private Investigator Manager," was selected as the winner of a crowdfunded short story contest."

This book covers diverse aspects of advanced computer and communication engineering, focusing specifically on industrial and manufacturing theory and applications of electronics, communications, computing and information technology. Experts in research, industry, and academia present the latest developments in technology, describe applications involving cutting-edge communication and computer systems, and explore likely future trends. In addition, a wealth of new algorithms that assist in solving computer and communication engineering problems are presented. The book is based on presentations given at ICOCOE 2015, the 2nd International Conference on Communication and Computer Engineering. It will appeal to a wide range of professionals in the field, including telecommunication engineers, computer engineers and scientists, researchers, academics and students.

Summary Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. This edition was completely revised and updated to cover MongoDB 4, Express 4, Angular 7, Node 11, and the latest mainstream release of JavaScript ES2015. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Juggling languages mid-application can radically slow down a full-stack web project. The MEAN stack—MongoDB, Express, Angular, and Node—uses JavaScript end to end, maximizing developer productivity and minimizing context switching. And you'll love the results! MEAN apps are fast, powerful, and beautiful. About the Book Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. Practical from the very beginning, the book helps you create a static site in Express and Node.

Expanding on that solid foundation, you'll integrate a MongoDB database, build an API, and add an authentication system. Along the way, you'll get countless pro tips for building dynamic and responsive data-driven web applications! What's inside MongoDB 4, Express 4, Angular 7, and Node.js 11 MEAN stack architecture Mobile-ready web apps Best practices for efficiency and reusability About the Reader Readers should be comfortable with standard web application designs and ES2015-style JavaScript. About the Author Simon Holmes and Clive Harber are full-stack developers with decades of experience in JavaScript and other leading-edge web technologies. Table of Contents PART 1 - SETTING THE BASELINE Introducing full-stack development Designing a MEAN stack architecture PART 2 - BUILDING A NODE WEB APPLICATION Creating and setting up a MEAN project Building a static site with Node and Express

Building a data model with MongoDB and Mongoose Writing a REST API: Exposing the MongoDB database to the application Consuming a REST API: Using an API from inside Express PART 3 - ADDING A DYNAMIC FRONT END WITH ANGULAR Creating an Angular application with TypeScript Building a single-page application with Angular: Foundations Building a single-page application with Angular: The next level PART 4 - MANAGING

AUTHENTICATION AND USER SESSIONS Authenticating users, managing sessions, and securing APIs Using an authentication API in Angular applications

Model View Controller Architecture-Driven Application Development

A Usable and Provider-independent Privacy Infrastructure

Business, Technology, Society

Getting MEAN with Mongo, Express, Angular, and Node

Pro PHP Security

Learn How to Build Applications with the Twitter API

Finding Source Code on the Web for Remix and Reuse

For undergraduate and graduate courses in business. Understanding The Vast And Expanding Field of E-Commerce Laudon's **E-Commerce 2016: Business, Technology, Society** emphasizes three driving forces behind the expanding field of e-commerce: technology change, business development, and social issues. A conceptual framework uses the templates of many modern-day companies to further demonstrate the differences and complexities in e-commerce today. An in-depth investigation of companies such as Uber, Pinterest, and Apple kick-off the course while preparing students for real-life scenarios. In the Twelfth Edition, Laudon and Traver add new or update existing case studies to match developments in the e-commerce field as they exist in today's tech world. They built in additional video cases for each chapter, making the material even more accessible to students as they prepare for their future roles in business.

This book constitutes refereed proceedings of the First International Conference on Smart Technologies, Systems and Applications, held in Quito, Ecuador, in December 2019. The 27 full papers and 3 short papers presented were carefully reviewed and selected from 90 submissions. The papers of this volume are organized in topical sections on smart technologies; smart systems; smart trends and applications.

Over 80 recipes to help you master using the Yii PHP framework.

Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This expanded second edition—updated for Cassandra 3.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra's non-relational design, with special attention to data modeling. If you're a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra's speed and flexibility. Understand Cassandra's distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how nodes exchange data Maintain a high level of performance in your cluster Deploy Cassandra on site, in the Cloud, or with Docker Integrate Cassandra with Spark, Hadoop, Elasticsearch, Solr, and Lucene

Text and Cases

Pro PHP 8 MVC

Building PHP Applications with Symfony, CakePHP, and Zend Framework

PHP Beyond the Web

ICoSMI 2020

Codeigniter 1.7 Professional Development

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's mostpopular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provideddata The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing

This groundbreaking book provides you with the skills and resources necessary to build web applications for Twitter. Perfect for new and casual programmers intrigued by the world of microblogging, Twitter API: Up and Running carefully explains how each part of Twitter's API works, with detailed examples that show you how to assemble those building blocks into practical and fun web applications. You'll also get a complete look at Twitter culture and learn how it has inspired programmers to build hundreds of tools and applications. With this book, you will: Explore every component of a Twitter application and learn how the API responds Get the PHP and MySQL code necessary to build your own applications, with explanations of how these ingredients work Learn from real-world Twitter applications created just for this book Discover the most interesting and useful Twitter programs--and get ideas for creating your own--with the book's Twitter application directory Twitter offers a new way to connect with people on the Internet, and Twitter API: Up and Running takes you right to the heart of this technology. "Twitter API: Up and Running is a friendly, accessible introduction to the Twitter API. Even beginning web developers can have a working Twitter project before they know it. Sit down with this for a weekend and you're on your way to Twitter API mastery."--Alex Payne, Twitter API Lead "Twitter API: Up and Running is a very comprehensive and useful resource--any developer will feel the urge to code a Twitter-related application right after finishing the book!"--The Lollicode team, creators of Twitscoop

The book consists of high-quality papers presented at the International Conference on Computational Science and Applications (ICCSA 2019), held at Maharashtra Institute of Technology World Peace University, Pune, India, from 7 to 9 August 2019. It covers the latest innovations and developments in information and communication technology, discussing topics such as soft computing and intelligent systems, web of sensor networks, drone operating systems, web of sensor networks, wearable smart sensors, automated guided vehicles and many more.

Model View Controller (MVC) is becoming the definitive architecture of website development frameworks due to the stability, extensibility and predictability it lends to development. It is not just the primary separation of database, business logic and interface components, but includes a wide range of considerations for building high-performing, scalable and secure applications. Deciding which MVC framework best suits the project you are about to begin is one of the biggest challenges you'll face as a developer. If you are part of a team, this decision has probably already been made for you; but in any event, you'll need to know how (and why) the framework authors made it work the way it does. Pro PHP MVC looks at the building blocks that make any good MVC framework, and how they apply to PHP. It exposes all considerations that many developers take for granted when using a popular framework, and teaches you how to make the framework your own. Over the course of reading this book, you will learn the theoretical implications of the choices you would make when writing your own MVC framework, and how to put the pieces together in a cohesive package. We take a look at the highly modular Zend Framework--how to use its collection of loosely coupled classes to build a unified system. We also look at CakePHP, learning from its automated build system (Bakery) and highly intuitive approach to rapid development. This book will lay bare all the secret parts of MVC for you.

Soft Skills

Twitter API: Up and Running

Stem Cells & Regenerative Medicine

PHP 7 Programming Cookbook

Secret Wars

User-centric Privacy

Cassandra: The Definitive Guide

In The Developer's Guide to Social Programming, Mark Hawker shows developers how to build applications that integrate with the major social networking sites. Unlike competitive books that focus on a single social media platform, this book covers all three leading platforms: Facebook, OpenSocial, and Twitter. Hawker identifies the characteristics of superior, highly engaging social media applications, and shows how to use the Facebook platform, Google Friend Connect, and the Twitter API to create them. You'll find practical solutions and code for addressing many common social programming challenges, from site registration to search, blog commenting to creating location-based applications. Hawker concludes by walking you through building a complete, integrated social application: one that works seamlessly across all leading platforms, and draws on powerful features from each. Coverage includes Working with the Twitter API, including the Search API, Lists API, and Retweets API Authenticating users with Twitter OAuth Mastering the Facebook API, FQL, and XFBML Utilizing the Facebook JavaScript Library for creating dynamic content, and animation Exploring the Google Friend Connect JavaScript API, and integrating with the OpenSocial API Using Facebook's tools for sharing, social commenting, stream publishing, and live conversation Using the PHP OpenSocial Client Library with Google Friend Connect Creating, testing, and submitting Google Friend Connect gadgets

Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Professional CodeIgniter John Wiley & Sons

Annotation Even if you find writing PHP code easy, writing code that is efficient and easy to maintain and reuse is not so straightforward. Self-taught PHP developers and programmers transitioning from other languages often lack the knowledge to work with PHP on an enterprise level. They need to take their PHP development skills to that level by learning the skills and tools necessary to write maintainable and efficient code. This book will enable you to take your PHP development skills to an enterprise level by teaching you the skills and tools necessary to write maintainable and efficient code. You will learn how to perform activities such as unit testing, enforcing coding standards, automating deployment, and interactive debugging using tools created for PHP developers _ all the information in one place. Your code will be more maintainable, efficient, and self-documented. From the design phase to actually deploying the application, you will learn concepts and apply them using the best-of-breed tools available in PHP. Experienced developers looking for expertise in PHP development will learn how to follow best practices within the world of PHP. The book contains many well-documented code samples and recipes that can be used as a starting point for producing quality code. Specifically, you will learn to design an application with UML, code it in Eclipse with PDT, document it with phpDocumentor, debug it interactively with Xdebug, test it by writing PHPUnit tests, manage source code in Subversion, speed up development and increase stability by using Zend Framework, pull everything together using continuous integration, and deploy the application automatically with Phing _ all in one book. The author's experience in PHP development enables him to share insights on using enterprise tools, in a clear and friendly way. An in-depth look at best-of-breed enterprise-level tools, methodologies, and tips for professional PHP developers to write maintainable, efficient code.

The Definitive Guide to Magento

E-commerce

Laravel: Up & Running

Expert PHP 5 Tools

CSS Animations and Transitions for the Modern Web

Medical Eligibility Criteria for Contraceptive Use reviews the medical eligibility criteria for use of contraception, offering guidance on the safety and use of different methods for women and men with specific characteristics or known medical conditions. The recommendations are based on systematic reviews of available clinical and epidemiological research. It is a companion guideline to Selected Practice Recommendations for Contraceptive Use. Together, these documents are intended to be used by policy-makers, program managers, and the scientific community to support national programs in the preparation of service delivery guidelines. The fourth edition of this useful resource supersedes previous editions, and has been fully updated and expanded. It includes over 86 new recommendations and 165 updates to recommendations in the previous edition. Guidance for populations with special needs is now provided, and a new annex details evidence on drug interactions from concomitant use of antiretroviral therapies and hormonal contraceptives. To assist users familiar with the third edition, new and updated recommendations are highlighted. Everyone involved in providing family planning services and contraception should have the fourth edition of Medical Eligibility Criteria for Contraceptive Use at hand.

Extend the power of Joomla! by adding components, modules, plugins, and other extensions.

This book covers diverse aspects of advanced computer and communication engineering, focusing specifically on industrial and manufacturing theory and applications of electronics, communications, computing and information technology. Experts in research, industry, and academia present the latest developments in technology, describe applications involving cutting-edge communication and computer systems and explore likely future directions. In addition, access is offered to numerous new algorithms that assist in solving computer and communication engineering problems. The book is based on presentations delivered at ICOCOE 2014, the 1st International Conference on Communication and Computer Engineering. It will appeal to a wide range of professionals in the field, including telecommunication engineers, computer engineers and scientists, researchers, academics and students.

Secret Wars is the first book to systematically analyze the ways powerful states covertly participate in foreign wars, showing a recurring pattern of such behavior stretching from World War I to U.S.-occupied Iraq. Investigating what governments keep secret during wars and why, Austin Carson argues that leaders maintain the secrecy of state involvement as a response to the persistent concern of limiting war. Keeping interventions “backstage” helps control escalation dynamics, insulating leaders from domestic pressures while communicating their interest in keeping a war contained. Carson shows that covert interventions can help control escalation, but they are almost always detected by other major powers. However, the shared value of limiting war can lead adversaries to keep secret the interventions they detect, as when American leaders concealed clashes with Soviet pilots during the Korean War. Escalation concerns can also cause leaders to ignore covert interventions that have become an open secret. From Nazi Germany's role in the Spanish Civil War to American covert operations during the Vietnam War, Carson presents new insights about some of the most influential conflicts of the twentieth century. Parting the curtain on the secret side of modern war, Secret Wars provides important lessons about how rival state powers collude and compete, and the ways in which they avoid outright military confrontations.