Ethical Issues In The Software Quality Assurance Function

The target audience for this book is any IT professional responsible for designing, configuring, deploying or managing information systems. This audience understands that the purpose of ethics in information security is not just morally important; it equals the survival of their business. A perfect example of this is Enron. Enron's ultimate failure due to a glitch in the ethics systems of the business created the most infamous example of an ethics corporate breakdown resulting in disaster. Ethics is no longer a matter of morals anymore when it comes to information security; it is also a matter of success or failure for big business. * This groundbreaking book takes on the difficult ethical issues that IT professional confront every day. * The book provides clear guidelines that can be readily translated into policies and procedures. * This is not a text book. Rather, it provides specific guidelines to System Administrators, Security Consultants and Programmers on how to apply ethical standards to day-to-day operations.

This book explores the impact of technology on ethical issues. A series of real-world scenarios are drawn from both business- and technology-oriented contexts. A rapid and widespread growth of interest in applied ethics is occurring today not only in the United States, but around the world as well. Academia both reflects this and is a leader in the movement. The field of speech communication shares in this increased sensitivity to ethical concerns. Students and the general public are looking for thoughtful analyses and guidance in all areas of communication. Ethical concerns relative to mass communication have been the subject of a number of books, but only a very few cover the entire scope of communication to include interpersonal, intercultural, organizational, small groups, and public speaking. This book tries to fill that need by discussing ethical concerns as they emerge in the areas of the communication process -- the communicator, the message, the media, the audience, and the situation. The speech communication field now has a need to digest and synthesize the existing research findings and the general literature in the field and in related humanities and social science works into a coherent and nontechnical discussion. This volume explores the most up-to-date materials to provide just such a synthesis. An extensive bibliography at the end of the book gives readers the sources on which the book is based, and offers ample avenues for further personal exploration. The book should provide meaningful food for thought as readers grapple conscientiously with the many everyday decisions made in communication transactions, and in evaluating the communication of others.

"This book introduces the reader to the key concepts and issues that comprise the emerging field of Technoethics, the interdisciplinary field concerned with all ethical aspects of technology within a society shaped by technology"--Provided by publisher.

The Ethics of Cybersecurity

The Second Annual International Vincentian Conference Promoting Business Ethics

Ethical Issues Behind Reliability

Programming and Problem Solving with Java

Free Software

Technical Writing, Presentational Skills, and Online Communication: Professional Tools and Insights

This book addresses the emerging field of neuromarketing, which, at its core, aims to better understand the impact of marketing stimuli by observing and interpreting human emotions. It includes contributions from leading researchers and practitioners, venturing beyond the tactics and strategies of neuromarketing to consider the ethical implications of applying powerful tools for data collection. The rationale behind neuromarketing is that human decision-making is not primarily a conscious process. Instead, there is increasing evidence that the willingness to buy products and services is an emotional process where the brain uses short cuts to accelerate the

decision-making process. At the intersection of economics, neuroscience, consumer behavior, and cognitive psychology, neuromarketing focuses on which emotions are relevant in human decision-making, and uses this knowledge to make marketing more effective. The knowledge is applied in product design; enhancing promotions and advertising, pricing, professional services, and store design; and improving the consumer experience as a whole. The foundation for all of this activity is data gathering and analysis. Like many new processes and innovations, much of neuromarketing is operating far ahead of current governmental compliance and regulation and thus current practices are raising ethical issues. For example, facial recognition software, used to monitor and detect a wide range of micro-expressions, has been tested at several airports—under the guise of security and counterterrorism. To what extent is it acceptable to screen the entire population using these powerful and intrusive techniques without getting passengers' consent? Citing numerous examples from the public and private sectors, the editors and contributing authors argue that while the United States has catalyzed technological advancements, European companies and governments are more progressive when it comes to defining ethical parameters and developing policies. This book details many of those efforts, and offers rational, constructive approaches to laying an ethical foundation for neuromarketing efforts.

Extensively revised, the new Second Edition of Programming and Problem Solving with Java continues to be the most student-friendly text available. The authors carefully broke the text into smaller, more manageable pieces by reorganizing chapters, allowing student to focus more sharply on the important information at hand. Using Dale and Weems' highly effective "progressive objects" approach, students begin with very simple yet useful class design in parallel with the introduction of Java's basic data types, arithmetic operations, control structures, and file I/O. Students see first hand how the library of objects steadily grows larger, enabling ever more sophisticated applications to be developed through reuse. Later chapters focus on inheritance and polymorphism, using the firm foundation that has been established by steadily developing numerous classes in the early part of the text. A new chapter on Data Structures and Collections has been added making the text ideal for a one or two-semester course. With its numerous new case studies, end-of-chapter material, and clear descriptive examples, the Second Edition is an exceptional text for discovering Java as a first programming language!

This book provides up-to-date critical analyses of the ethical implications of new legislation in community care and criminal justice, and of trends in social work thought and policy, such as managerialism, user empowerment and feminism.

In a world that is awash in ubiquitous technology, even the least tech-savvy know that we must take care how that technology affects individuals and society. That governments and organizations around the world now focus on these issues, that universities and research institutes in many different languages dedicate significant resources to study the issues, and that international professional organizations have adopted standards and directed resources toward ethical issues in technology is in no small part the result of the work of Simon Rogerson. – Chuck Huff, Professor of Social Psychology at Saint Olaf College, Northfield, Minnesota In 1995, Apple launched its first WWW server, Quick Time On-line. It was the year Microsoft released Internet Explorer and sold 7 million copies of Windows 95 in just 2 months. In March 1995, the author Simon Rogerson opened the first ETHICOMP conference with these words:

We live in a turbulent society where there is social, political, economic and technological turbulence ... it is causing a vast amount of restructuring within all these organisations which impacts on individuals, which impacts on the way departments are set up, organisational hierarchies, job content, span of control, social interaction and so on and so forth. ... Information is very much the fuel of modern technological change. Almost anything now can be represented by the technology and transported to somewhere else. It's a situation where the more information a computer can process, the more of the world it can actually turn into information. That may well be very exciting, but it is also very concerning. That could be describing today. More than 25 years later, these issues are still at the forefront of how ethical digital technology can be developed and utilised. This book is an anthology of the author's work over the past of 25 years of pioneering research in digital ethics. It is structured into five themes: Journey, Process, Product, Future and Education. Each theme commences with an introductory explanation of the papers, their relevance and their interrelationship. The anthology finishes with a concluding chapter which summarises the key messages and suggests what might happen in the future. Included in this chapter are insights from some younger leading academics who are part of the community charged with ensuring that ethical digital technology is realised.

Ethical Issues in Experiential Education

Information Technology and the Ethics of Globalization: Transnational Issues and Implications

Ethical Questions for Resource Managers

Controls and Processes

From the Universities to the Marketplace: The Business Ethics Journey

Ethics and Technology

"This book is a collection of work to assist any professional who needs to deal with ethical issues, write up a technical project, give or develop a presentation, or write material for an online audience"--Provided by publisher.

From the Universities to the Marketplace: The Business Ethics Journey arose from the awareness of the slow progression of academic theory into market practice. The contributions in this volume reflect a diversity of disciplines and approaches to research, study and teaching business ethics, such as philosophy, accounting, theology, marketing, management and finance. The contributors represent a wide variety of professional and geographical backgrounds, creating a fruitful discussion of a large number of issues related to implementation and measurement of business ethics, and feedback from all parties involved.

"Everybody talks of ethics, but computer ethics is a comparatively new term which is fast becoming widely popular because of the large-scale software piracy spree. In todays world of hackers and pirates, all of us are somehow involved in the dirty business of software piracy. Computing technologies and artifacts are increasingly integrated into most aspects of our professional, social, and private lives. One consequence of this growing

ubiquity of computing is that it can have significant ethical implications that computing professionals need to be aware of. It makes us think about the relationships among facts, conceptualizations, policies and values with regard to constantly changing computer technology. If you think that ethics are all about living a more moral and principled life, you must practice the same everywhere, even in the computer field, where sooner or later, you would face a dilemma concerning software piracy. When we talk about computer ethics, software piracy reflects in our minds first of all, followed by pornography, spamming, unauthorized access to somebody elses computer, and hacking. Computer ethics are increasingly becoming important because of the rising number of cyber crime issues, including software piracy, unauthorized access, pornography, spamming, and target marketing, and hacking. The widespread popularity and use of the Internet has given rise to a number of cybercrime issues and concerns about user privacy. Various computing applications are tampered with to invade into others privacy. Malware, spyware, freeware, and browser cookie exploits are some of the notorious computing applications that have spurred the deliberate of importance of ethical behavior in technology. This volume Computer Ethics discusses ethical issues, technologies that they are related to, and ethical theories, as well as the methodologies that the literature employs, its academic contribution, and resulting recommendations. It discusses general trends and argues that the time has come for a transition to responsible research and innovation to ensure that ethical reflection of computing has practical and manifest consequences."

Ethical Issues of Information SystemsIGI Global

Proceedings of the Fourth National Conference on Business Ethics

A Handbook of Ethical Practice

The Ethical Algorithm

Implications for Market Research and Business Practice

Ethical Issues in Social Work

Professional Tools and Insights

Understanding, appreciating and taking corrective steps to maintain and enhance social and ethical responsibility in the information age is important not only because of our increased dependence on information and communication technologies, but also because information and communication technologies pose complex challenges. Ethical Issues of Information Systems strives to address these pertinent issues. This scholarly and academic book provides insight on many topics of debate and discussion in the field and lends the most recent research in the field of IT ethics and social responsibility.

Here is a timely new book on the pressing legal and ethical issues that are faced by librarians on a daily basis. Chapters written by librarians, lawyers, accountants, and business people discuss the concept of acquisitions as a business, address some of the

ramifications of the climate in which practicing acquisitions librarians now find themselves, and examine some of the skills that will be required as the acquisitions librarian changes to meet the emerging demands. Legal and Ethical Issues in Acquisitions features: an overview of antitrust issues in publishing practical suggestions for communicating with publishers a discussion of the acquisitions librarian's role in dealing with charitable contributions a look at the issues involved in the purchase of new technologies information on the ethical and fiscal problems associated with the selection of appropriate materials for library collections a view of the business relationship between libraries and booksellers legal advice on the ramifications of a library allowing juveniles access to materials that are inappropriate for their age insider information on subscription vendor service charges and on getting the "best deal" a philosophical look at the problem of weeding books from a library's collection

For anyone interested in the issues arising from computer malfunctions and, moreperniciously, from misuse, this new edition of Computer Ethics is right on the mark. Widelyacclaimed for its readability and its balanced and authoritative coverage, Computer Ethics has beenthoroughly revised and updated with new anecdotes, new revelations, and lively discussion of theethical, social, and professional issues arising from the computer revolution, such as computercrime, software theft, hacking, viruses, and the invasion of privacy.An entirely rewritten firstchapter is followed by expanded chapters that contain compelling new case studies and analyses. Anew final section contains 10 hypothetical scenarios for group discussion. Copies of the ACM Code ofEthics and the ACM-IEEE Computing Curricula are included in the appendixes.Tom Forester is SeniorLecturer in the School of Computing and Information Technology at Griffith University, Queensland,Australia, and is editor or author of seven books on the social aspects of computers. Perry Morrisonlectures in psychology at the National University of Singapore.

This open access book constitutes the proceedings of the 21st International Conference on Agile Software Development, XP 2020, which was planned to be held during June 8-12, 2020, at the IT University of Copenhagen, Denmark. However, due to the COVID-19 pandemic the conference was postponed until an undetermined date. XP is the premier agile software development conference combining research and practice. It is a hybrid forum where agile researchers, academics, practitioners, thought leaders, coaches, and trainers get together to present and discuss their most recent innovations, research results, experiences, concerns, challenges, and trends. Following this history, for both researchers and seasoned practitioners XP 2020 provided an informal environment to network, share, and discover trends in Agile for the next 20 years. The 14 full and 2 short papers presented in this volume were carefully reviewed and selected from 37 submissions. They were organized in topical sections named: agile adoption; agile practices; large-scale agile; the business of agile; and agile and testing.

Ethical Issues in Information Systems

Ethical Issues in the Communication Process

Ethical Issues in Engineering Design; Safety and Sustainability

Ethical Issues in an Age of Information and Communication Technology
Internet Security
Right and Wrong for IT Professionals

"This book summarizes the main theories of globalized ethics and show their inadequacies in dealing with IT-enabled global ethical problem"--Provided by publisher.

This open access book provides the first comprehensive collection of papers that provide an integrative view on cybersecurity. It discusses theories, problems and solutions on the relevant ethical issues involved. This work is sorely needed in a world where cybersecurity has become indispensable to protect trust and confidence in the digital infrastructure whilst respecting fundamental values like equality, fairness, freedom, or privacy. The book has a strong practical focus as it includes case studies outlining ethical issues in cybersecurity and presenting guidelines and other measures to tackle those issues. It is thus not only relevant for academics but also for practitioners in cybersecurity such as providers of security software, governmental CERTs or Chief Security Officers in companies.

Today, opportunities and challenges of available technology can be utilized as strategic and tactical resources for your organization. Conversely, failure to be current on the latest trends and issues of IT can lead to ineffective and inefficient management of IT resources. Managing Information Technology in a Global Economy is a valuable collection of papers that presents IT management perspectives from professionals around the world. The papers introduce new ideas, refine old ones and possess interesting scenarios to help the reader develop company-sensitive management strategies.

Accounting Information Systems provides a comprehensive knowledgebase of the systems that generate, evaluate, summarize, and report accounting information. Balancing technical concepts and student comprehension, this textbook introduces only the most-necessary technology in a clear and accessible style. The text focuses on business processes and accounting and IT controls, and includes discussion of relevant aspects of ethics and corporate governance. Relatable real-world examples and abundant end-of-chapter resources reinforce Accounting Information Systems (AIS) concepts and their use in day-to-day operation. Now in its fourth edition, this popular textbook explains IT controls using the AICPA Trust Services Principles framework—a comprehensive yet easy-to-understand framework of IT controls—and allows for incorporating hands-on learning to complement theoretical concepts. A full set of pedagogical features enables students to easily comprehend the material, understand data flow diagrams and document flowcharts, discuss case studies and examples, and successfully answer end-of-chapter questions. The book's focus on ease of use, and its straightforward presentation of business processes and related controls, make it an ideal primary text for business or accounting students in AIS courses.

Information Systems for Business and Beyond
Contemporary Ethical Issues in Engineering
Readings in Cyberethics

Hacking, Counterhacking, and Society
Computers, Ethics, and Society
A Practical Guide to Dealing with Ethical Issues in information and Library Work

For most professions, a code of ethics exists to promote positive behavior among practitioners in order to enrich others within the field as well as the communities they serve. Similar to the medical, law, and business fields, the engineering discipline also instills a code of ethical conduct. Contemporary Ethical Issues in Engineering highlights a modern approach to the topic of engineering ethics and the current moral dilemmas facing practitioners in the field. Focusing on key issues, theoretical foundations, and the best methods for promoting engineering ethics from the pre-practitioner to the managerial level, this timely publication is ideally designed for use by engineering students, active professionals, and academics, as well as researchers in all disciplines of engineering.

Widely praised for its balanced treatment of computer ethics, Ethics for the Information Age offers a modern presentation of the moral controversies surrounding information technology. Topics such as privacy and intellectual property are explored through multiple ethical theories, encouraging readers to think critically about these issues and to make their own ethical decisions.

Rapid changes in technology and the growing use of electronic media signal a need for understanding both clear and subtle ethical and social implications of the digital, and of specific digital technologies. Understanding Digital Ethics: Cases and Contexts is the first book to offer a philosophically grounded examination of digital ethics and its moral implications. Divided into three clear parts, the authors discuss and explain the following key topics: • Becoming literate in digital ethics • Moral viewpoints in digital contexts • Motivating action in digital ethics • Speed and scope of digital information • Moral algorithms and ethical machines • The digital and the human • Digital relations and empathy machines • Agents, autonomy, and action • Digital and ethical activism. The book includes cases and examples that explore the ethical implications of digital hardware and software including videogames, social media platforms, autonomous vehicles, robots, voice-enabled personal assistants, smartphones, artificially intelligent chatbots, military drones, and more. Understanding Digital Ethics is essential reading for students and scholars of philosophical ethics, those working on topics related to digital technology and digital/moral literacy, and practitioners in related fields.

An introduction to the social and policy issues which have arisen as a result of IT. Whilst it assumes a modest familiarity with computers, the book provides a guide to the issues suitable for undergraduates. In doing so, the author prompts students to consider questions such as: * How do morality and the law relate to each other? * What should be covered in a professional code of conduct for information technology professionals? * What are the ethical issues relating to copying software? * Is electronic monitoring o employees wrong? * What are the moral codes of cyberspace? Throughout, the book shows how in many ways the technological development is outpacing the ability of our legal

systems, and how different paradigms applied to ethical questions often proffer conflicting conclusions. As a result, students will find this a thought-provoking and valuable survey of the new and difficult ethical questions posed by the Internet, artificial intelligence, and virtual reality.

Understanding Digital Ethics

Ethical Issues in Technological Design, Research, Development, and Innovation

Current Security Management & Ethical Issues of Information Technology

Excel HSC Softw Design&Devel + Cards SG

Ethics and the Management of Computer Technology

Computers, Internet, and Society Series

"Information Systems for Business and Beyond introduces the concept of information systems, their use in business, and the larger impact they are having on our world."--BC Campus website.

Ideal for students in sociology, philosophy, and computer science courses, Computers, Ethics, and Society serves as a reminder that although technology has the potential to improve or undermine our quality of life, it is society which has the power to ultimately decide how computers will affect our lives. Computers, Ethics, and Society, now in its second edition, provides a stimulating set of interdisciplinary readings specifically designed to understand these issues. The readings examine current computer problems, discussing them at a level that can explain future realities.

Over the course of a generation, algorithms have gone from mathematical abstractions to powerful mediators of daily life. Algorithms have made our lives more efficient, more entertaining, and, sometimes, better informed. At the same time, complex algorithms are increasingly violating the basic rights of individual citizens. Allegedly anonymized datasets routinely leak our most sensitive personal information; statistical models for everything from mortgages to college admissions reflect racial and gender bias. Meanwhile, users manipulate algorithms to "game" search engines, spam filters, online reviewing services, and navigation apps. Understanding and improving the science behind the algorithms that run our lives is rapidly becoming one of the most pressing issues of this century. Traditional fixes, such as laws, regulations and watchdog groups, have proven woefully inadequate. Reporting from the

cutting edge of scientific research, The Ethical Algorithm offers a new approach: a set of principled solutions based on the emerging and exciting science of socially aware algorithm design. Michael Kearns and Aaron Roth explain how we can better embed human principles into machine code - without halting the advance of data-driven scientific exploration. Weaving together innovative research with stories of citizens, scientists, and activists on the front lines, The Ethical Algorithm offers a compelling vision for a future, one in which we can better protect humans from the unintended impacts of algorithms while continuing to inspire wondrous advances in technology.

This book looks at all of the ethical issues facing information and library professionals in one overarching, and practically-focused, text. As such, it is of great benefit to both practitioners and to LIS students. The focus of the book is two-fold: (1) It contains a detailed discussion of the issues that impact on the day-today practice of information workers in the 21st century; and (2) contains case studies discussing potential solutions to ethical problems faced. The book provides sections which work like flowcharts leading from ethical issues through decision points to proposed solutions based on the literature/case studies. This is a highly useful resource that provides appropriate access to potential solutions for day-to-day queries. Despite the coverage of ethical issues in books on copyright, freedom of information, public internet access, and data protection, this book fills the gap in drawing all of this information together, as one sourcebook The book can be used for regular reference Does not offer legal advice per se, but explains the various scenarios that have been utilised for different ethical problems in the workplace

The Science of Socially Aware Algorithm Design
Ethics for the Information Age
The Evolving Landscape of Ethical Digital Technology
Cases and Contexts
Ethical Issues in the Use of Computers
Agile Processes in Software Engineering and Extreme Programming

This collection of papers, articles, and monographs details the ethical landscape as it exists for the distinct areas of Internet and network security, including moral justification of hacker attacks, the ethics behind the freedom of

information which contributes to hacking, and the role of the law in policing cyberspace.

From everyday apps to complex algorithms, Ruha Benjamin cuts through tech-industry hype to understand how emerging technologies can reinforce White supremacy and deepen social inequity. Benjamin argues that automation, far from being a sinister story of racist programmers scheming on the dark web, has the potential to hide, speed up, and deepen discrimination while appearing neutral and even benevolent when compared to the racism of a previous era. Presenting the concept of the "New Jim Code," she shows how a range of discriminatory designs encode inequity by explicitly amplifying racial hierarchies; by ignoring but thereby replicating social divisions; or by aiming to fix racial bias but ultimately doing quite the opposite. Moreover, she makes a compelling case for race itself as a kind of technology, designed to stratify and sanctify social injustice in the architecture of everyday life. This illuminating guide provides conceptual tools for decoding tech promises with sociologically informed skepticism. In doing so, it challenges us to question not only the technologies we are sold but also the ones we ourselves manufacture. Visit the book's free Discussion Guide here.

This book of readings is a flexible resource for undergraduate and graduate courses in the evolving fields of computer and Internet ethics. Each selection has been carefully chosen for its timeliness and analytical depth and is written by a well-known expert in the field. The readings are organized to take students from a discussion on ethical frameworks and regulatory issues to a substantial treatment of the four fundamental, interrelated issues of cyberethics: speech, property, privacy, and security. A chapter on professionalism rounds out the selection. This book makes an excellent companion to CyberEthics: Morality and Law in Cyberspace, Third Edition by providing articles that present both sides of key issues in cyberethics.

Explores current issues in the field of cyberethics, including questions about onlinepersonal privacy, sharing music, and unreliable software, and analyzes the practical, moral, and legal implications of each issue.

Technoethics and the Evolving Knowledge Society: Ethical Issues in Technological Design, Research, Development, and Innovation

Legal and Ethical Issues in Acquisitions

Race After Technology

Cautionary Tales and Ethical Dilemmas in Computing

21st International Conference on Agile Software Development, XP 2020, Copenhagen, Denmark, June 8-12, 2020, Proceedings

Ethical Issues in Empirical Studies of Software Engineering

"This scholarly examination of the ethical issues in information technology management covers basic details such as improving user education and developing security requirements as well as more complicated and far-reaching problems such as protecting infrastructure against information

warfare. Social responsibility is analyzed with global examples and applications, including knowledge-based society in Latin America, socioeconomics factors of technology in the United States, and system ethics in the Arab world."

Managing Information Technology in a Global Economy

Accounting Information Systems

Computer Ethics

Transnational Issues and Implications

Abolitionist Tools for the New Jim Code