

Ethics In Information Technology

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

Information and Communication Technologies (ICTs) have profoundly changed many aspects of life, including the nature of entertainment, work, communication, education, healthcare, industrial production and business, social relations and conflicts. They have had a radical and widespread impact on our moral lives and hence on contemporary ethical debates. The Cambridge Handbook of Information and Computer Ethics, first published in 2010, provides an ambitious and authoritative introduction to the field, with discussions of a range of topics including privacy, ownership, freedom of speech, responsibility, technological determinism, the digital divide, cyber warfare, and online pornography. It offers an accessible and thoughtful survey of the transformations brought about by ICTs and their implications for the future of human life and society, for the evaluation of behaviour, and for the evolution of moral values and rights. It will be a valuable book for all who are interested in the ethical aspects of the information society in which we live.

A rigorous philosophical examination of major ethical issues related to computers, such as the privacy of databases, the censorship of the Internet, and the liability of software developers in the information age.

This volume collects key influential papers that have animated the debate about information computer ethics over the past three decades, covering issues such as privacy, online trust, anonymity, values sensitive design, machine ethics, professional conduct and moral responsibility of software developers. These previously published articles have set the tone of the discussion and bringing them together here in one volume provides lecturers and students with a one-stop resource with which to navigate the debate.

Ethics and the Law

Encyclopedia of Information Ethics and Security

Information Technology and Social Justice

Information Ethics

Information Security and Ethics: Concepts, Methodologies, Tools, and Applications

Ethical and Social Issues in the Information Age

Presents theories and models associated with information privacy and safeguard practices to help anchor and guide the development of technologies, standards, and best practices. Provides recent, comprehensive coverage of all issues related to information security and ethics, as well as the opportunities, future challenges, and emerging trends

related to this subject.

This book proposes that technologies, similar to texts, novels and movies, 'tell stories' and thereby configure our lifeworld in the Digital Age. The impact of technologies on our lived experience is ever increasing: innovations in robotics challenge the nature of work, emerging biotechnologies impact our sense of self, and blockchain-based smart contracts profoundly transform interpersonal relations. In their exploration of the significance of these technologies, Reijers and Coeckelbergh build on the philosophical hermeneutics of Paul Ricoeur to construct a new, narrative approach to the philosophy and ethics of technology. The authors take the reader on a journey: from a discussion of the philosophy of praxis, via a hermeneutic notion of technical practice that draws on MacIntyre, Heidegger and Ricoeur, through the virtue ethics of Vallor, and Ricoeur's ethical aim, to the eventual construction of a practice method which can guide ethics in research and innovation. In its creation of a compelling hermeneutic ethics of technology, the book offers a concrete framework for practitioners to incorporate ethics in everyday technical practice.

The term digital divide is still used regularly to characterize the injustice associated with inequalities in access to information and communication technologies (ICTs). As the debate continues and becomes more sophisticated, more and more aspects of the distribution of ICTs are singled out as relevant to characterizations of the digital divide and of its moral status. The best way to articulate the digital divide is to relate it to other aspects of social and distributive justice, using a mixture of pre-existing theories within moral and political philosophy. These theories are complemented with contributions from sociology, communication studies, information systems, and a range of other disciplines. Information Technology and Social Justice presents conceptual frameworks for understanding and tackling digital divides. It includes information on access and skills, access and motivation, and other various levels of access. It also presents a detailed analysis of the benefits and value of access to ICTs.

This reference text covers ethics in information technology, intellectual property, and privacy techniques. It will serve as a useful text for senior undergraduate and graduate students in interdisciplinary areas including computer science, information technology, electronics and communication engineering, and electrical engineering.

Intelligent Machines and the Transformation of Health Care

Concepts and Practices in the Digital World

Methods and Approaches

Ethics in Information Technology + Global Technology Watch Printed Access Card

Ethics, Medicine, and Information Technology

Ethics of Computing

"This book is the first publication that takes a genuinely global approach to the diverse ethical issues evoked by Information and

Communication Technologies and their possible resolutions. Readers will gain a greater appreciation for the problems and possibilities of genuinely global information ethics, which are urgently needed as information and communication technologies continue their exponential growth"--Provided by publisher.

This is the first study of business ethics to take into consideration the plethora of issues raised by the Information Age. The first study of business ethics to take into consideration the plethora of issues raised by the Information Age. Explores a wide range of topics including marketing, privacy, and the protection of personal information; employees and communication privacy; intellectual property issues; the ethical issues of e-business; Internet-related business ethics problems; and the ethical dimension of information technology on society. Uncovers previous ignored ethical issues. Underlines the need for public discussion of the issues. Argues that computers and information technology have not necessarily developed in the most ethical manner possible. This book addresses current issues regarding the ethical use of information technology in a holistic vision, by combining the perspectives of education specialists and those in the field of computer science at the level of higher education. It provides a current ethical perspective on the problems and solutions involved in the use of information technology in higher education. It appeals to readers interested in exploring the problems and appropriate solutions related to the ethical use of new technologies in higher education.

The Routledge Encyclopedia of Philosophy is the most ambitious international philosophy project in many years. Edited by Edward Craig and assisted by thirty specialist subject editors, the REP consists of ten volumes of the world's most eminent philosophers writing for the needs of students and teachers of philosophy internationally.

A Practical Guide

Concepts, Methodologies, Tools, and Applications

Issues, Impacts and Practices

A Case-Based Approach to a Health Care System in Transition

Challenges in Education, Technology, Communications, Medicine and Other Domains

Transnational Issues and Implications

A lively and entertaining guide to ethics in a technological age. Most people have a strong sense of right and wrong, and they aren't shy about expressing their opinions. But when we take a polarizing stand on something we regard as an eternal truth, we often forget that ethics evolve over time. Many shifts in the right versus wrong pendulum are driven by advances in technology. Our great-grandparents might be shocked by in vitro fertilization; our great-grandchildren might be shocked by the messiness of pregnancy, childbirth, and unedited genes. In Right/Wrong, Juan Enriquez reflects on what happens to our ethics as technology makes the once unimaginable a commonplace occurrence.

"This book uses general ethical principles as a basis for solutions to solving ethical problems in information technology use within organizations"--Provided by publisher.

This book provides students with a toolbox for the study of the ethics of technology, exploring the methods available for ethical assessments of technologies and their social introduction.

The Ethics of Emerging Media engages with enduring ethical questions while addressing critical questions concerning ethical boundaries at the forefront of new media development. This collection provides a rare opportunity to ask how emerging media affect the ethical choices in our lives and the lives of people across the globe. Centering on different new media forms from eBay to Wikipedia, each chapter raises questions about how changing media formats affect current theoretical understanding of ethics. By interrogating traditional ethical theory, we can better understand the challenges to ethical decision making in an age of rapidly evolving media. Each chapter focuses on a specific case within the broader conceptual fabric of ethical theory. The case studies ground the discussion of ethics in practical applications while, at the same time, addressing moral dilemmas that have plagued us for generations. The specific applications will undoubtedly continue to unfold, but the ethical questions will endure.

Computer Ethics

Global Information Technologies

Science and Technology Governance and Ethics

Routledge Encyclopedia of Philosophy: Index

Information, Social Norms, and New Media Technology

How Technology Transforms Our Ethics

This flexible book addresses the most salient ethical issues of the information age, and illustrates the most pressing concerns of computer specialists and information managers today. Encourages an action- approach to learning, with all cases requiring readers to develop an action plan within the bounds of ethical probity and social acceptability. It offers a perfect balance for all levels of users - neither too technical for the novice in computer issues, nor overly simplistic for those experienced in computer related subjects. Offers a broad collection of case studies on information and computer ethics. Explores the neglected topic of information ethics, specifically issues involved in the acquisition, access, and stewardship of information resources. Includes a comprehensive overview of several ethical frameworks with a seven step model for case analysis. For professionals in computer science, engineering, business, and information management.

This book focuses on how human interactions with technology and information systems could have important ethical implications for both businesses and society at large. By debating issues such as a law for robots, digital healthcare, and codes of conduct in the educational sector, this

volume provides provocative insights which challenge students, scholars and anyone concerned with information in society to think critically and draw their own conclusions. Throughout the chapters brought together here, the authors offer relevant theoretical and empirical contributions, which relate to a variety of academic fields, including philosophy, law and management sciences. The subjects covered in the book will also appeal to a large audience from the human, social and economic sciences.

This book brings feminist philosophy, in the shape of feminist ethics, politics and legal theory, to an analysis of computer ethics problems including hacking, privacy, surveillance, cyberstalking and Internet dating. Adam claims that these issues cannot be properly understood unless we see them as problems relating to gender. For the first time, these issues are put under the feminist spotlight to show that traditional responses reproduce the public/private split which has so often reinforced the causes of women's oppression.

This handbook provides an accessible overview of the most important issues in information and computer ethics. It covers: foundational issues and methodological frameworks; theoretical issues affecting property, privacy, anonymity, and security; professional issues and the information-related professions; responsibility issues and risk assessment; regulatory issues and challenges; access and equity issues. Each chapter explains and evaluates the central positions and arguments on the respective issues, and ends with a bibliography that identifies the most important supplements available on the topic.

Computer and Information Ethics

Cultural Perspectives

Information Technology Ethics: Cultural Perspectives

The Ethics of Technology

Professionalism in the Information and Communication Technology Industry

Ethics in Information Technology, Second Edition is a timely offering with updated and brand new coverage of topical issues that we encounter in the news every day such as file sharing, infringement of intellectual property, security, Internet crime, identity theft, employee surveillance, privacy, and compliance.

This title uses state of the art legal cases, statutory developments, and mass culture references to evaluate and discuss computer ethics in a global setting. It applies ethical principles to the most important substantive legal fields that directly impact contemporary computer professionals: torts, cybercrimes, privacy, contracts, and all four branches of intellectual

property. Each chapter illustrates ethical perspectives through the use of key legal decisions and thought-provoking discussion questions. Case studies are based upon legal opinions and regulations from the United States, the European Union, China, and the rest of the world. "This clearly-written book employs the most recent legal developments in the U.S., the E.U., and China to prepare computer professionals to deal with the numerous moral dilemmas created by rapid advances in information technology. Every chapter systematically compares and contrasts five leading ethical perspectives about information age quandaries, a feature which makes this book uniquely valuable for both students and practitioners." - Robert Granfield, Vice Provost and Professor of Sociology at the University at Buffalo "The Internet is a pervasive, and often vexing, feature of modern life, constantly presenting questions to both lawyers and lay persons about how to construct and respond to messages. Koenig and Rustad have fashioned a powerful teaching tool in this area. A particularly notable accomplishment is the way it wedds a philosophical basis for computer law to doctrinal details of its practical applications. Both professors and students will find it intellectually challenging and practically useful." - Marshall Shapo, Frederic P. Vose Professor at Northwestern University School of Law "The pace of technological innovation and the advancements it brings to our lives continues to amaze me. As an attorney primarily representing silicon valley and other technology companies, I see those these advancements also make the corresponding legal issues and implications ever-changing and exponentially more complex. Global Information Technologies; Ethics and Law is a comprehensive guide and ongoing "handbook" that uses real-world examples to cover the current and wide-ranging legal and ethical issues in this complex field. It is a must read for students, scholars, practitioners, and business people looking to understand and learn about the legal and ethical issues in this ever-changing field of law." - Mark Silvern, Law Office of Mark Silvern

This book gives an in-depth philosophical analysis of moral problems to which information technology gives rise, for example, problems related to privacy, intellectual property, responsibility, friendship, and trust, with contributions from many of the best-known philosophers writing in the area.

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

Contemporary Issues in Ethics and Information Technology

The Ethics of Emerging Media

Gender, Ethics and Information Technology

Information and Computer Ethics

The Ethics of Information Technology and Business

Ethical Issues in an Age of Information and Communication Technology

This series is directed to health care professionals who are leading the transformation of health care by using information and knowledge. Launched in 1988 as Computers in Health Care, the series offers a broad range of titles: some addressed to specific professions such as nursing, medicine, and health administration; others to special areas of practice such as trauma and radiology. Still other books in the series focus on interdisciplinary issues, such as the computer-based patient record, electronic health records, and networked health care systems. Renamed Health Informatics in 1998 to reflect the rapid evolution in the discipline now known as health informatics, the series will continue to add titles that contribute to the evolution of the field. In the series, eminent experts, serving as editors or authors, offer their accounts of innovations in health informatics. Increasingly, these accounts go beyond hardware and software to address the role of information in influencing the transformation of healthcare delivery systems around the world. The series also increasingly focuses on “peopleware” and the organizational, behavioral, and societal changes that accompany the diffusion of information technology in health services environments.

Information and Computer Ethics deals with the basic idea of information ethics. It also includes the concept of moral methodology and information technology. It provides the reader with basic insights of global development of information technology and computer ethics so as to understand the ethical issues that are involved in the information and computer sector along with the regulatory issues and challenges. This book also discusses about normative theories and computer ethics, ethical issues involved in the sector of information and computer, international development and computer ethics, technologies of autonomous agency and regulatory issues and challenges involved in the sector of information and computer ethics.

Written in clear, accessible prose, the Fourth edition of Computer Ethics brings together philosophy, law, and technology. The text provides an in-depth exploration and analysis of a broad range of topics regarding the ethical implications of widespread use of computer technology. The approach is normative while also exposing the student to alternative ethical stances.

Ethics and Technology, 5th Edition, by Herman Tavani introduces students to issues and controversies that comprise the relatively new field of cyberethics. This text examines a wide range of cyberethics issues--from specific issues of moral responsibility that directly affect computer and information technology (IT) professionals to broader social and ethical concerns that affect each of us in our day-to-day lives. The 5th edition shows how modern day controversies created by emerging technologies can be analyzed from the perspective of standard ethical concepts and theories. -- Provided by publisher.

Investigating Cyber Law and Cyber Ethics: Issues, Impacts and Practices

Codes, spaces for discussion and law

Case Studies in Information and Computer Ethics

Information Technology Ethics

A Global Perspective from Europe, India and China

Analyzing Information Technology

The field of information ethics (IE)—a subdivision of ethics—was developed during the 1980s, originating and maturing in library science and slowly working its way into other disciplines and practical applications. Some years later, a secondary field emerged, emphasizing theoretical and philosophical concepts, with little focus on real-world applicability. The first of its kind, this comprehensive overview of IE evaluates the production, dissemination, storage, accessing and retrieval of information in an ethical context in areas

including the humanities, sciences, medicine and business. A leading figure in the field, the author is concerned with misconduct (falsification, fabrication, plagiarism), peer review, the law, privacy, imaging and robotics, among other matters.

Professionalism is arguably more important in some occupations than in others. It is vital in some because of the life and death decisions that must be made, for example in medicine. In others the rapidly changing nature of the occupation makes efficient regulation difficult and so the professional behaviour of the practitioners is central to the good functioning of that occupation. The core idea behind this book is that Information and Communication Technology (ICT) is changing so quickly that professional behaviour of its practitioners is vital because regulation will always lag behind.

*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 of 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.*

This book analyzes the possibilities for effective global governance of science in Europe, India and China. Authors from the three regions join forces to explore how ethical concerns over new technologies can be incorporated into global science and technology policies. The first chapter introduces the topic, offering a global perspective on embedding ethics in science and technology policy. Chapter Two compares the institutionalization of ethical debates in science, technology and innovation policy in three important regions: Europe, India and China. The third chapter explores public perceptions of science and technology in these same three regions. Chapter Four discusses public engagement in the governance of science and technology, and Chapter Five reviews science and technology governance and European values. The sixth chapter describes and analyzes values demonstrated in the constitution of the People's Republic of China. Chapter Seven describes emerging evidence from India on the uses of science and technology for socio-economic development, and the quest for inclusive growth. In Chapter Eight, the authors propose a comparative framework for studying global ethics in science and technology. The following three chapters offer case studies and analysis of three emerging industries in India, China and Europe: new food technologies, nanotechnology and synthetic biology. Chapter 12 gathers all these threads for a comprehensive discussion on incorporating ethics into science and technology policy. The analysis is undertaken against the backdrop of different value systems and varying levels of public perception of risks and benefits. The book introduces a common analytical framework for the comparative discussion of ethics at the international level. The authors offer policy recommendations for effective collaboration among the three regions, to promote responsible governance in science and technology and a common analytical perspective in ethics.

Narrative and Technology Ethics

Information Technology and Moral Philosophy

Ethics in Information Technology

The Cambridge Handbook of Information and Computer Ethics

The Handbook of Information and Computer Ethics

Right/Wrong

Information Ethics provides an up-to-date discussion of the main ethical issues that face today's information-intensive society, including the areas of intellectual property rights, privacy, accessibility and censorship.

This major reference work represents the first attempt to confront, on a world-wide basis, the way computer associations face up to their own responsibilities in an age increasingly dominated by information and communication technology. The book deals with the codes of ethics and conduct, and related issues. It is the first book to deal with homogenous codes namely codes of national computer societies. Some thirty codes are compared and analysed in depth. To put these into perspective, there are discussion papers covering the methodological, philosophical and organisational issues.

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 technological advancement has given rise to new ethical dilemmas and security threats, while the development of appropriate ethical codes and security measures fail to keep pace, which makes the education of computer users and professionals crucial. The Encyclopedia of Information Ethics and Security is an original, comprehensive reference source on ethical and security issues relating to the latest technologies. Covering a wide range of themes, this valuable reference tool includes topics such as computer crime, information warfare, privacy, surveillance, intellectual property and education. This encyclopedia is a useful tool for students, academics, and professionals.

The Ethics of Information Technologies

Ethics for the Information Age

Ethics and Information Technology

Privacy and Intellectual Property

Controversies, Questions, and Strategies for Ethical Computing

The Scope of Information Ethics

Ethics in Information Technology Course Technology Ptr

Ethical values in computing are essential for understanding and maintaining the relationship between computing professionals and researchers and the users of their applications and programs. While concerns about cyber ethics and cyber law are constantly changing as technology changes, the intersections of cyber ethics and cyber law are still underexplored. Investigating Cyber Law and Cyber Ethics: Issues, Impacts and Practices discusses the impact of cyber ethics and cyber law on information technologies and society. Featuring current research, theoretical frameworks, and case studies, the book will highlight the ethical and legal practices used in computing technologies, increase the effectiveness of computing students and professionals in applying ethical

values and legal statues, and provide insight on ethical and legal discussions of real-world applications.

Ethics and Technology

Ethical Use of Information Technology in Higher Education

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