Controversies, Questions, and Strategies for Ethical Computing: Unveiling the Ethical Landscape of Computing

In the rapidly evolving digital landscape, computing plays a pivotal role in shaping our lives and transforming society. However, with great power comes great responsibility, and the ethical implications of computing have become increasingly complex and multifaceted.

Ethics and Technology: Controversies, Questions, and Strategies for Ethical Computing, 5th Edition

by Herman T. Tavani

★★★★☆ 4.4 out of 5

Language	: English
File size	: 9221 KB
Screen Reader	: Supported
Print length	: 388 pages
X-Ray for textbooks	: Enabled

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The fifth edition of 'Controversies, Questions, and Strategies for Ethical Computing' delves into the heart of these ethical challenges, providing a comprehensive examination of the issues and strategies that shape responsible computing practices.

Exploring the Controversies

Privacy and Surveillance

As technology advances, concerns about privacy and surveillance have intensified. From data mining to facial recognition, the collection and use of personal information raise ethical questions about the balance between security and individual autonomy.

Intellectual Property and Piracy

The digital realm has blurred the lines of intellectual property ownership, leading to debates about copyright, fair use, and the ethical implications of file sharing and online piracy.

Artificial Intelligence and Automation

The rise of artificial intelligence (AI) and automation raises ethical concerns about job displacement, bias in algorithms, and the potential impact on human decision-making and autonomy.

Navigating Ethical Decision-Making

Beyond identifying ethical controversies, the book presents practical strategies for navigating ethical decision-making in the field of computing.

Ethical Frameworks and Theories

The book introduces various ethical frameworks and theories, such as utilitarianism, deontology, and virtue ethics, to provide a theoretical foundation for understanding and resolving ethical dilemmas.

Case Studies and Analysis

Real-world case studies are presented to illustrate the complexities of ethical decision-making in the context of specific computing applications and technologies.
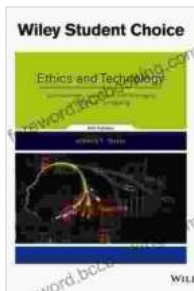
Stakeholder Analysis and Conflict Resolution

The book emphasizes the importance of stakeholder analysis and conflict resolution in ethical computing. It provides tools and techniques for identifying stakeholders, understanding their perspectives, and resolving ethical conflicts through dialogue and negotiation.

The fifth edition of 'Controversies, Questions, and Strategies for Ethical Computing' is an indispensable resource for anyone navigating the ethical challenges of computing in the modern world.

Whether you're a computer science student, a technology professional, or simply a concerned citizen, this book empowers you with the knowledge and skills to make informed and responsible decisions about the use and impact of computing technologies.

By embracing the principles of ethical computing, we can harness the transformative power of technology while safeguarding our values, protecting individual rights, and ensuring a just and equitable digital society for all.

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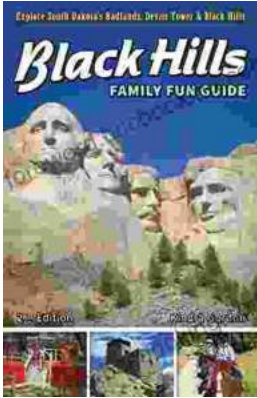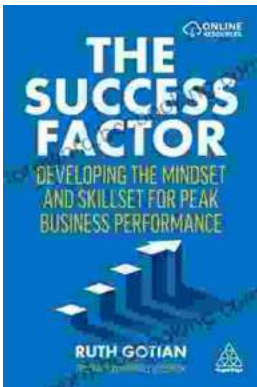|	
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