

Chapter 1 : Gift Of Fire, A by Baase, Sara

*a gift of fire sara baase 3rd edition samzenpus on Monday January 21, @PM from the read-all-about-it dept. benrothke writes "In the 4th.*

New Technology, New Risks: Now the speed and power of search and analyses tools, make it easy to produce detailed profile of our personal information. Any thing we do online is recorded, at least briefly, and linked to our computer, if not to our name. Terminology and principles for data collection and use: A company offered a free program that changed web browsers cursor to cartoon character. Privacy and Computer Technology cont. Principles for Data Collection and Use: Or else the organization can use his information. Signs a form permitting the use. Now government agencies can search through huge volumes of information seeking people who look suspicious, Innocent people are subject to embarrassing searches and expensive investigations and sometimes to arrest and jail. First, much of our personal information is no longer safe in our home, offices, doctors offices, etc.,. Second, new technology allows the government to search our homes without entering them and without our knowledge. In the government had used wiretaps on telephone lines without court order. The supreme court allowed the wiretaps. It interpreted the fourth amendment to apply only on physical intrusion. Stolen and Lost Data: What We Do Ourselves: National ID System Cont. Why did you remove it? Were there consequences to posting the information? Designing Communications Systems for Interception:

Chapter 2 : Sara Baase Books & Textbooks - [blog.quintoapp.com](http://blog.quintoapp.com)

*Slides prepared by Cyndi Chie and Sarah Frye A Gift of Fire A Gift of Fire Third edition Third edition Sara Baase Sara Baase Chapter 4: Intellectual Property This preview has intentionally blurred sections.*

In this revision of a best-seller, Baase explores the social, legal, philosophical, ethical, political, constitutional, and economic implications of computing and the controversies they raise. A primary goal is to develop computer professionals who understand the implications of what they create and how it fits into society at large. The textbook itself is an excellent introduction to the material, with an emphasis on "introduction"; it is by no means a deep and encompassing work, but its accessibility is quite welcome in a field of supposed introductory works that are absolutely impenetrable to those actually in need of an introduction. The mix of historical, philosophical, and light theoretical content manages to inform without overwhelming. I find the writing a bit preachy at times, especially considering the fact that the book is supposed to be an ethical primer as opposed to commentary, but those sections are few and far between. Type the title into Google, it should be the first hit. Updates to the source material are posted every few months to keep up with changes in case law, the news, etc. The website also includes sample lecture schedules, assignments, discussion topics, and just about everything else you would need to develop a course. So to sum up: The exercises are the most valuable part of the book but it will take a good teacher to make the most out of them: I got lucky there. Baase does a very good job of hitting all the high-notes and gray-area cases that have popped up in the last 20 or so years as a result of new technologies. The book is very well written, seems well researched with exhaustive notes citing references, additional material and end of chapter questions. Sara Baase covers all the areas of ethics in computing, from the issues since the emergence of computers, social media and the integration of computers into the workplace to the risks and responsibilities of users, programmers and managers in the creation of software, its debugging and its use. These topics also have relevance in studies outside of computer science and computer engineering; MBA students might be required to read chapter 5 Crime , chapter 8 Risk and chapter 9 Ethics and Responsibilities. Yes, this book is about ethics, but without the deep philosophy. However, I do agree with other reviewers in their assessment that a few areas of the book are needlessly long and perhaps, rambling. If you are going to make a book selection for a computer science ethics class you will be teaching, you could make far worse choices. Interesting Thoughts By D. The author provokes some interesting thought concepts that I, as an intermediate computer user, never thought of before. Long-winded and rambling By Matthew Mcclery on Oct 27, There is a lot of good information here, but the author does not organize it well. Chapters are interminably long and rambling. I think the book could be a lot more concise and still convey the same information. Steward on Aug 12, Most of the time school books have a tendency to be a bit on the boring side. This is one book that would be an awesome read no matter if you were in school or just wanting to gain a lot of knowledge about laws, trends, and emerging trends in E-Commerce as well as the internet in general. I have to say, Sarah Baase did an excellent job presenting each subject in a to-the-point manner. This is a fun, easy to understand, yet very educational book. I have this book for sale. Email me at Asteward Live. There is a lot of good information in it, but the writing is so densely packed that it is a painfully slow and dry read. This is coming from someone who loves to read. Could really use some lightening up. Great as a textbook!! By Mingoebuena on Jul 19, Being that this edition is a little outdated, it is still a good textbook. The two encompass the problems faced socially, legally and ethically in the IT world, and how to create a good policy around those issues. By Rutterbg on Dec 10, I loved this book but the only downside is there is a lot of repetition throughout the book. You should still get it and read it just keep that in mind when you do. Must have for any computer scientist By Tim O on Jan 30, If you are even remotely tied to the business of computer science, you must own this book. It is truly an eye opener. Tons of good examples on why we must be aware of the technology we are developing and the consequences that could occur. Lots of good details on the legal side of things too. Do not use this book for your college classes. Thibodeau on Nov 17, If you wanted a worse book to teach comp sci ethics, well i cant find one. George Orwell if he were alive today would write a better allegorical analysis of the downloading culture. Add a Book Review Book

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*A Gift of Fire: Social, Legal, and Ethical Issues for Computing Technology (4th Edition) [Sara Baase] on blog.quintoapp.com \*FREE\* shipping on qualifying offers. A Gift of Fire: Social, Legal, and Ethical Issues for Computing Technology, 4e is ideal for courses in Computer Ethics and Computers and Society.*

Professional Ethics and Responsibilities. What We Will Cover. What is Professional Ethics? Ethical Guidelines for Computer Professionals Scenarios. What is "Professional Ethics"?. Many professions have a code of ethics that professionals are expected to abide by Medical doctors Lawyers and judges Accountants Medical doctors Lawyers and judges Accountants What are Special responsibilities of these professionals? What is "Professional Ethics"? There are special aspects to making ethical decisions in a professional context Honesty is one of the most fundamental ethical values; however, many ethical problems are more subtle than the choice of being honest or dishonest Some ethical issues are controversial Computer Ethics Special Responsibilities Facing Computer Professionals and Users Maintaining relationships with and responsibilities toward customers, clients, coworkers, employees, and employers. Making critical decisions that have significant consequences for many people. Determining how to manage, select, or use computers in a professional setting. Describe an ethical scenario for one of the categories, above. Understand what success means p Include users such as medical staff, technicians, pilots, office workers in the design and testing stages to provide safe and useful systems Do a thorough, careful job when planning and scheduling a project and when writing bids or contracts Design for real users Ethical Guidelines for Computer. Guidelines and Professional Responsibilities cont. Doing your job well. Rules should apply to everyone. Use logic or reason to determine what is good. Treat people as an ends not a means. Consider the consequences for all affected people. Respect the fundamental rights of others, including life, liberty, and property. Describe an ethical scenario about use of a computer system and tell what rights the people involved have. The computer professional must consider trade-offs. Ethical theories help to identify important principles or guidelines. What trade-offs might a computer professional need to consider? Describe an ethical scenario involving a computer professional that illustrates one of the items above. Honest and fair; respects confidentiality; maintains professional competence; understands relevant laws; respects and protection of personal privacy; avoids harming others; and respects property rights. Cases Applying the Brainstorming and Analysis Phases Refer to any of the cases in the text or the general exercises following each chapter or current scenarios in the news. List all the people and organizations affected the stakeholders List risks, issues, problems, and consequences List benefits. Identify who gets each benefit In cases where there is no simple yes or no decision, but rather one has to choose some action, list possible actions Scenarios cont. Analysis phase Identify responsibilities of the decision maker Identify rights of stakeholders Consider the impact of the options on the stakeholders consequences, risks, benefits, harms, costs Categorize each potential action as ethically obligatory, prohibited, or acceptable When there are multiple options, select one, considering the ethical merits of each, courtesy to others, practicality, self-interest, personal preferences, etc. You are part of the team designing the system. What are your ethical responsibilities? You are a relatively junior programmer working on modules that collect data from loan application forms and convert them to formats required by the parts of the program that evaluate the applications. You find that some demographic data are missing from some forms, particularly race and age. What should your program do? What should you do? Your company has 25 licenses for a computer program, but you discover that it has been copied onto 80 computers. Suppose you are a member of a team working on a computer-controlled crash avoidance system for automobiles. You think the system has a flaw that could endanger people. The project manager does not seem concerned and expects to announce completion of the project soon. Do you have an ethical obligation to do something? Someone asks you to get a copy of records about a particular person. You have a small consulting business. The CyberStuff company plans to buy software to run a new collaborative content-sharing Web site. CyberStuff wants to hire you to evaluate bids from vendors. Your spouse works for NetWorkx and did most of the work in writing the bid that NetWorkx plans to submit. You read the bid while your spouse was working

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on it and you think it is excellent. A team of programmers is developing a communications system for firefighters to use when fighting a fire. Firefighters will be able to communicate with each other, with supervisors near the scene, and with other emergency personnel. The programmers will test the system in a field near the company office. You are the computer system administrator for a mid-sized company. You can monitor the company network from home, and you frequently work from home. Your niece, a college student, is visiting for a week. She asks to use your computer to check her e-mail. You are being a gracious host. What is the ethical problem?

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*A gift of fire sara baase 3rd edition pdf Editions of A Gift of Fire: Social, Legal, and Ethical Issues for Computers and the Internet by Sara Baase. Pokemon pearl gba book is very well written, seems well researched with exhaustive notes citing references, additional material and end of chapter questions.*

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### Chapter 9 : A Gift of Fire Sara Baase Chapter 2: Privacy Third edition

*A Gift of Fire: Social, Legal, and Ethical Issues for Computing and the Internet, 4e is ideal for courses in Computer Ethics and Computers and Society. Sara Baase explores the social, legal, philosophical, ethical, political, constitutional, and economic implications of computing and the controversi.*