Section 8: Ethics Study Companion

* What are ethics?
* What are regulations?
* What is character-based ethics?
* What are the 10 commandments of computer ethics?
* What is Asimov’s 3 laws of robotics?
* What is information privacy?
* Why is Ethics important in IT?
* What is ACM?
* What is IEEE?
* What is ASA?
* What is AITP?
* What do professional organizations support?
* What is AWC?
* What is AAAI?
* What is ABET?
* What is organizational culture?
* What is the ethical code of conduct in an organization?
* What is AUP?
* What is a conflict of interest?
* Compare privacy versus security.

Privacy & Computer Professionals

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| --- | --- | --- | --- | --- |
|  | Computing Professionals | Data Analysis | Networking Professionals | Software Developers |
| Description |  |  |  |  |

CIA Triad

|  |  |  |  |
| --- | --- | --- | --- |
|  | Confidentiality | Integrity | Availability |
| Description |  |  |  |
| Purpose |  |  |  |

* How does the CIA Triad work together?
* How does Big Data and IoT pose a threat to security?
* What is the FCC?
* What is the NIST?
* What is the NSA?

U.S. IT Regulations

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| --- | --- |
| Computer Fraud & Abuse Act |  |
| Electronic Communication Privacy Act |  |
| Communication Assistance for Law Enforcement Act |  |
| Anticybersquatting Consumer Protection Act |  |
| Federal Information Security Management Act |  |
| Health Insurance Portability and Accountability Act |  |
| Section 508 of the Rehabilitation Act |  |
| Family Educational Rights and Privacy Act |  |
| Computer Matching and Privacy Protection Act |  |