



Using the New ACM Code of Ethics in Decision Making

M Sai Sameer Reddy

G01355100

Introduction

-
- ACM Codes of Decision Making are a set of rules that assist organizations in making ethical and consistent decisions. These rules offer a framework for decision-makers to think about the moral values of their choices and possible outcomes of their actions.
 - The codes are intended to offer a thorough set of recommendations for decision-makers to consider. They aid in making decisions that are in the best interests of all stakeholders and are made in a responsible and ethical manner.

Similar Organization's


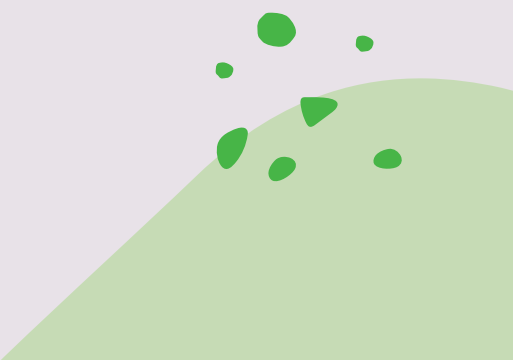
ACM (Association for Computing Machinery) is a professional society focused on computer science. There are several organizations that have similar ethical guidelines and principles for decision making, such as:

1. IEEE (Institute of Electrical and Electronics Engineers)
2. BCS (British Computer Society)
3. ACM SIGCSE (ACM Special Interest Group on Computer Science Education)
4. Computer Ethics Institute
5. Association for Information Systems
6. International Federation for Information Processing

These organizations provide resources and support for professionals in the field of computing and technology, including ethical guidelines and best practices for decision making.

New ACM Codes of Decision Making

- In response to the fast-changing nature of computing and its effects on society, the Association for Computing Machinery (ACM) has amended its codes of ethics.
- Computing workers can find direction in the new ACM Codes of Decision Making for making moral choices in a technologically advanced environment.
- The rules address topics including technology use for social good, privacy, security, and artificial intelligence.

- 
-
- An ethics code's role as a guide for personal decision-making is its final and most significant purpose. In order to aid in more effective ethical decision-making, we have created a set of nine classes that outline scenarios requiring ethical judgment.
- 

The set of Nine Classes

-
- Intellectual Property
 - Privacy
 - Confidentiality
 - Quality In Professional Work
 - Fairness and Discrimination
 - Liability for Unreliability
 - Software Risks
 - Conflicts of Interest
 - Unauthorized Access

How to Implement ACM Codes of Decision Making

-
- By developing a set of rules and processes based on the ACM Codes of Decision Making, organizations can put the codes into practice.
 - These strategies and processes ought to be created to guarantee that choices are made consistently and morally.
 - Additionally, organizations need to make sure that all decision-makers are taught to utilize the codes and are aware of them. This will make it easier to guarantee that choices are made in an ethical and responsible manner.

ACM Codes of Decision Making in Practice


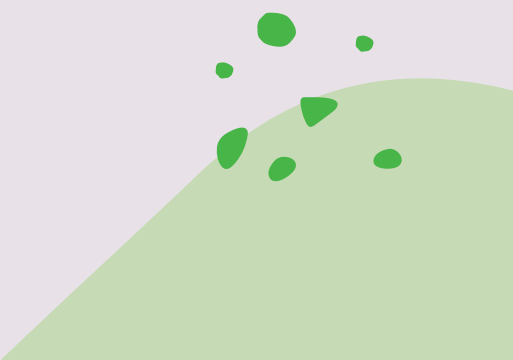
- When making decisions, organizations should make sure that the ACM Codes of Decision Making are followed.
- This will make it easier to guarantee that choices are made in a way that is ethical and responsible and that serves the interests of all parties involved.
- Additionally, organizations need to make sure that decision-makers are taught to utilize the codes and are aware of them. This will make it easier to guarantee that choices are made consistently and morally.

Abstract

- Professionals in the field of computer science and technology face new ethical concerns because of the sector's ongoing expansion and evolution. The ACM Code of Ethics, which offers a framework for moral decision-making in the industry, was created by the Association for Computing Machinery (ACM) to address these issues.
- In the realm of computer science and technology, this study sought to investigate how the ACM Code of Ethics affected decision-making. The target group was those who worked in computer science and technology. A literature review and case study analysis were the research techniques used. The study's main conclusions demonstrated that the ACM Code of Ethics has been successful in encouraging moral decision-making in the industry.

Population targeted

- In this study, specialists in computer science and technology were the target population. These professionals deal with moral difficulties and conundrums in their line of work.
- Individuals in the field of computer science, including computer professionals, professors, and students, would be the primary audience for a lecture on the new ACM Code of Ethics on Decision Making. People who use and work with technology in various capacities can find advice on how to make moral decisions in the Code of Ethics. The target audience is crucial since they will be required to follow and uphold the code's guiding principles.

- 
-
- It is also relevant for IT administrators, software developers, and technology consultants, as well as anyone involved in the creation, implementation, or usage of technology. These people have the capacity to have a significant impact on society through their profession, so it's crucial that they are knowledgeable about
- 

Research question(s)

-
- What is the impact of the ACM Code of Ethics on decision making in the field of computer science and technology?
 - How can the principles of the ACM Code of Ethics be applied in real-world situations?
 - How does the new ACM code compare to other codes of ethics and standards in the technology and business fields, and what lessons can be learned from these comparisons?

Evaluation of the strengths and potential weakness of the methods

Strengths:


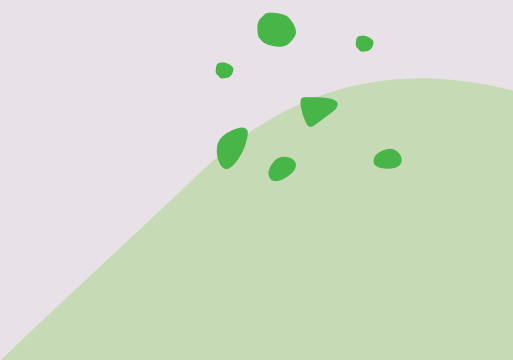
- Encourages moral behavior in decision-making by offering precise instructions.
- Encourages taking into account how decisions will affect all stakeholders.
- Assists in ensuring impartiality and justice in the decision-making process.
- Supports the preservation of informational confidentiality and privacy.
- Offers a framework for moral decision-making in a technological environment that is undergoing rapid change.

Potential Weaknesses:

- Implementation and enforcement challenges may arise, particularly in multinational and cross-cultural businesses.
- Might be perceived as being excessively restrictive, inhibiting originality and creativity in decision-making.
- May not be entirely appropriate in all circumstances and may need to be modified for certain circumstances.
- Might not appropriately handle new ethical conundrums and difficulties brought on by new technologies.
- Possibility of ethical gaps or inconsistencies in the code that could be used to justify making immoral decisions.


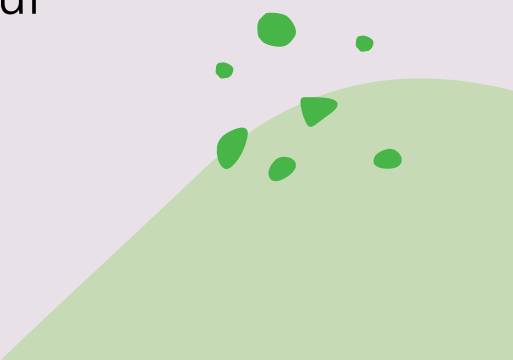
Major Findings

- Professional Responsibility: The code emphasizes the importance of professional responsibility for computing professionals and the need to consider the social impact of technology.
- Respect for Privacy and Confidentiality: The code stresses the importance of protecting privacy and maintaining confidentiality in the handling of personal information.
- Fairness and Non-Discrimination: The code requires computing professionals to act in a fair and non-discriminatory manner in the development and deployment of technology.

- 
-
- **Responsibility for the Impact of Technology:** The code states that computing professionals have a responsibility to understand the impact of their work and to ensure that technology is used for the benefit of society.
 - **Transparency and Openness:** The code promotes transparency and openness in the development and deployment of technology and encourages computing professionals to share their knowledge and expertise with others.
- 

Discussion points or implications

- The study's findings emphasize the value of applying the ACM Code of Ethics while making decisions in the field of computer science and technology.
- The results suggest that the code may be able to assist professionals in navigating difficult ethical situations.
- The potential for the new ACM Code of Ethics to increase knowledge of the moral consequences of technology and decision-making.
- Can be consulted by people and organizations in the technology sector when making moral decisions.
- Can offer a structure and common language for talking about moral concerns in the technology industry.

- 
-
- Might result in more accountability and responsibility for making moral judgments in the technology sector.
 - Can increase credibility and confidence in the technology sector by showcasing a dedication to moral behavior.
 - May provide as a foundation for future creation and improvement of moral guidelines and requirements for the technology sector.
 - As technology continues to play an increasingly significant role in molding our reality, it might have wider repercussions for society.
- 

Personal thought's

- The study's findings are credible, and the procedures employed were sound. An alternate strategy may be to run a survey to learn more about how the ACM Code of Ethics is being used.
- A similar study might be carried out in other nations to determine if the findings are the same, extending the study.



Thank you!!!

