**Rozel C. Galceran CS - 3C**

**Software Implementation and Management March 31, 2025**

**Comparative Analysis of Code of Ethics in Software Engineering**

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| **Category** | **IEEE (Institute of Electrical and Electronics Engineers)** | **ACM (Association for Computing Machinery)** |
| **Mission** | The IEEE is sets for a mission to support the technology advancement and superior standards so that people can receive a benefit from the technology. | The ACM is dedicated to advancing the art, science, engineering, and application of computing Through information interchange and professional standards and the ethical guidelines promotion. |
| **Membership** | The IEEE offers membership to professionals and students with interests in electrical and electronics engineering together with the computing science professionals. Members receive access to publications together with the conferences and networking benefits as well as professional development resources. | The ACM provides two membership options for the computing professionals alongside with the students that includes offering access to publications, conferences opportunities and online or digital resources as well as the global community. |
| **Publications** | The IEEE publishes a wide range of journals, magazines, and conference proceedings about the different various of engineering and technological fields through its publication.​[Wikipedia](https://en.wikipedia.org/wiki/Association_for_Computing_Machinery?utm_source=chatgpt.com) | The ACM distributes publishing content through more than 50 journals, that including the Journal of the ACM and Communications of the ACM, together with the conference proceedings and newsletters. |
| **Key Activities** | As an international organization the IEEE arranges a global conference with workshops and seminars while develops industry standards, and provides educational programs that is available for professional development. | The ACM organizes a multiple event that include conferences, workshops, and seminars, together with the support of Special Interest Groups (SIGs) that focusing on various computing subfields, and organizes competitions like the ACM International Collegiate Programming Contest (ICPC). |
| **Ethical Focus** | |  | | --- | | As an organization, the IEEE maintains a Code of Ethics which stresses ethical responsibilities through honest conduct and integrity while promoting harmlessness. Members and non-members involved in IEEE activities are expected to adhere to this code. ​[mga.ieee.org](https://mga.ieee.org/images/files/MGA_Operations_Manual_2021.3.30_FINAL.pdf?utm_source=chatgpt.com) | | |  | | --- | | The Code of Ethics and Professional Conduct developed by the ACM functions to inspire ethical guidance for computing professionals. This ethical code provides a fundamental guideline that directs computing professionals toward social contribution as well as human value enhancement while actively protecting from damage and ensuring truthful behavior. | |

**Summary of Differences**

So, in summary, both the IEEE (Institute of Electrical and Electronics Engineers) and ACM (Association for Computing Machinery) are bringing distinction as a professional organization that is dedicated to work towards the advancing technology and computing progress. The IEEE works as an organization that includes all engineering fields that is beyond computing such as the electrical and electronic fields, while the ACM is focuses on the computing and the information technology. The IEEE is well-known for the role of setting the industry standards, while the ACM promote a collaboration in the computing field between its Special Group and Programming competitions. If you’re the type of person that prefer engineering and hardware then you should consider IEEE membership. But if you’re the type of person that is interested in computer science together with software development then you should pursue membership with ACM rather than IEEE.

**Which One Would I Join?**

Since I’m currently studying Computer Science, then I’d rather go with ACM. Because it is more aligned with my field and it is also offering great resources, research papers, and networking opportunities specifically for computing professionals. Plus, participating in an ACM’s events can enhance my learning, provide a valuable networking experiences, and lastly support professional growth in the field of computing. The IEEE organization would still remain a suitable choice or option if I wanted to explore the combination of computing and hardware engineering fields.