

## Professional Organization

- **Name of the Organization:** IEEE Computer Society
- **Purpose or Mission:** The IEEE Computer Society is dedicated to advancing the theory, practice, and application of computer and information technologies. It focuses on promoting the development of computer science and engineering through professional development, research, and technology standards.
- **Membership Information:** Membership is open to individuals with an interest in computer science, engineering, and related fields.
- **Publications or Resources Offered:**
  - *IEEE Computer Magazine:* A monthly publication featuring articles on computer science advancements, industry trends, and technology news.
  - *IEEE Transactions on Computers:* A peer-reviewed journal that publishes research on the latest advances in computer architecture, algorithms, and software.
- **Events or Conferences:** The IEEE Computer Society organizes numerous events, including:
  - *IEEE International Conference on Computer Vision (ICCV):* A leading event in the computer vision community, held biennially.
  - *IEEE International Conference on Computer Communications (INFOCOM):* A major conference focusing on computer networking and communications.
- **Contact Information:**
  - Address: IEEE Computer Society, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA
  - Phone: +1 202-371-0101
  - Website: [www.computer.org](http://www.computer.org)
- **Leadership:**
  - Dr. Sanjay S. Soni, President of IEEE Computer Society (as of 2025).

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## Relevant Government Organization

- **Name of the Agency:** National Institute of Standards and Technology (NIST)
- **Jurisdiction:** Federal government, part of the U.S. Department of Commerce, responsible for advancing innovation by developing standards and technology in various fields, including computer science, cybersecurity, and artificial intelligence.
- **Role and Functions:** NIST is responsible for developing and promoting measurement standards, conducting research, and providing guidelines on a wide array of technical topics, including cryptography, cybersecurity, and computing systems. It helps improve both national and international technological standards.
- **Key Publications or Documents:**
  - *NIST Cybersecurity Framework:* A set of guidelines for improving cybersecurity practices across different sectors.
  - *NIST Special Publication 800 Series:* A collection of reports on topics such as security and privacy controls for federal information systems.
- **Statistical Data:** NIST provides access to data related to cybersecurity risks, computational science, and standards development through the NIST Data Portal.
- **Contact Information:**
  - Address: 100 Bureau Drive, Gaithersburg, MD 20899, USA
  - Phone: +1-301-975-2000
  - Website: [www.nist.gov](http://www.nist.gov)
- **Leadership:**
  - Dr. Laurie E. Locascio, Director of NIST (as of 2025).

## Academic Journal

- **Title of the Journal:** *Journal of the ACM (JACM)*
- **Publisher:** Association for Computing Machinery (ACM)
- **Scope or Focus:** JACM publishes high-quality research on theoretical and experimental computer science, focusing on areas such as algorithms, computational theory, and data structures. It is one of the most prestigious journals in the field of computer science.
- **Frequency of Publication:** Published quarterly.
- **ISSN Number:** 0004-5411
- **Submission Guidelines:** Manuscripts must present original research related to theoretical computer science. Submissions are reviewed by experts in the field.
- **Editorial Board:** Chief Editor: Dr. Shafi Goldwasser, MIT; Senior Editors: Various experts in theoretical computer science.
- **Impact Factor or Rankings:** JACM is highly respected with an impact factor of around 2.85 and is consistently ranked among the top journals in computer science theory.