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Student Opportunities



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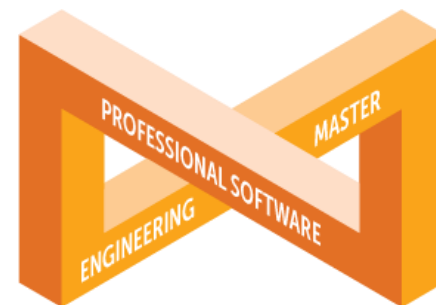
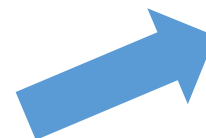
IEEE CSDL Develops Standards and Publishes Software Engineering Body of Knowledge (SWEBOK)





CS Certification Programs

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The IEEE Computer Society hosts 200+ technical conferences a year



IEEE CSDL Includes World Class Magazines and Transactions



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24.314
Impact Factor

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Eigenfactor

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2.590

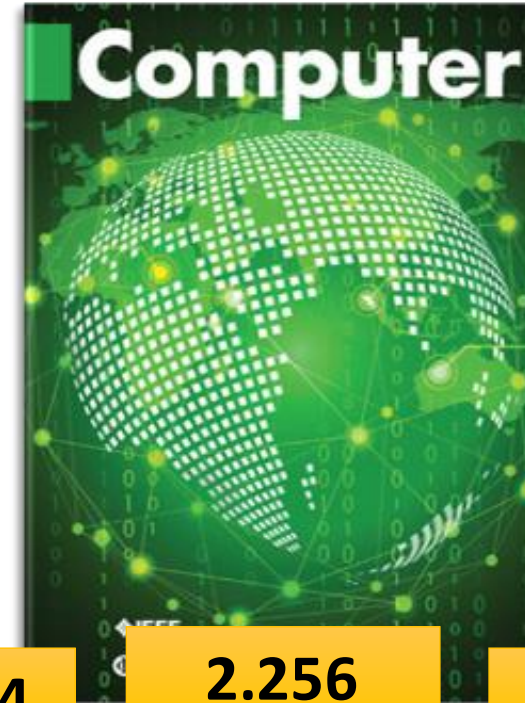
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Top Five IEEE Computer Society Journals



24.314

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5.697

Impact
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13.99

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11.019

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6.791

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CSDL Publication Titles by Topic



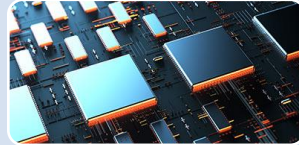
Artificial Intelligence

- *IEEE Intelligent Systems*
- *IEEE Trans. Computational Intelligence and AI in Games*
- *IEEE Trans. Pattern Analysis and Machine Intelligence*
- *IEEE Trans. on Artificial Intelligence*



Biotechnology

- *IEEE/ACM Trans. Computational Biology and Bioinformatics*



Computer Hardware

- *Computer*
- *IEEE Computer Architecture Letters*
- *IEEE Design & Test of Computers*
- *IEEE Micro*
- *IEEE Trans. Computers*
- *IEEE Trans. Very Large Scale Integration (VLSI) Systems*



Emerging Topics in Computing

- *IEEE Letters of the Computer Society*
- *IEEE Open Journal of the Computer Society*
- *IEEE Trans. Emerging Topics in Computing*



Graphics and Multimedia

- *IEEE Computer Graphics and Applications*
- *IEEE Trans. on Haptics*
- *IEEE MultiMedia*
- *IEEE Trans. Visualization and Computer Graphics*



History of Computing

- *IEEE Annals of the History of Computing*



Human-Centered Computing

- *IEEE Trans. Affective Computing*
- *IEEE Trans. Learning Technologies*

CSDL Publication Titles by Topic (continued)



Internet and Data Technology

- *IEEE Internet Computing*
- *IEEE Cloud Computing*
- *IEEE Trans. Big Data*
- *IEEE Trans. Cloud Computing*
- *IEEE Trans. Knowledge & Data Engineering*
- *IEEE Trans. Multi-Scale Computing Systems*
- *IEEE Trans. Services Computing*



IT and Security

- *IEEE Security & Privacy*
- *IT Professional*
- *IEEE Trans. Dependable and Secure Computing*



Mobile Computing

- *IEEE Pervasive Computing*
- *IEEE Trans. Mobile Computing*



Networking

- *IEEE Trans. Parallel and Distributed Systems*
- *IEEE/ACM Trans. Networking*
- *IEEE Trans. Network Science and Engineering*



Scientific Computing

- *Computing in Science & Engineering*
- *IEEE Journal on Exploratory Solid-State Computational Devices and Circuits*
- *IEEE Transactions on Quantum Computing*



Software

- *IEEE Concurrency*
- *IEEE Distributed Systems*
- *IEEE Software*
- *IEEE Trans. Software Engineering*
- *Sustainable Computing*
- *IEEE Trans. Sustainable Computing*

**ALL Computer Society articles and publications
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The Content You Need

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CSDL Helps You Achieve Your Academic and Career Goals

“The zeal to stay technically current, and to look for better career opportunities via the magazines, publications and conferences under IEEE Computer Society drives us to visit the Society over and over again.”

Vrushti Pancholi, Student Member

“The latest technologies and different magazines drives me to be a part of this society.”

Roobini G, Student Member

Best Value for Students

CSDL Articles Cover a Wide Range of Topics for All of Your Research Needs

- ▶ **Covers Latest Technology**
 - Cloud Computing
 - IoT
 - Big Data, Data Analytics
 - Cyber Security
 - Artificial Intelligence & Machine Learning
 - Virtual Reality, Augmented Reality
 - Blockchain
- ▶ **History** – *Annals of the History of Computing*
- ▶ **Education** – *IEEE Transaction On Learning Technologies*
- ▶ **Graphic Design & Art** – *IEEE Computer Graphics & Multimedia* and *IEEE Multimedia*
- ▶ **Physics, Medicine, Astronomy, and Mathematics** – *Computing in Science & Engineering*
- ▶ **Psychology and Behavioral Sciences** – *IEEE Trans. on Affective Computing*
- ▶ **Ethics, Law, Business, Information Management, Technology Management** – *IEEE Security & Privacy* and *IT Professional*





CSDL offers the **highest value and the most content** to computing students, researchers, and professionals.



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- ✓ Artificial Intelligence
- ✓ Big Data
- ✓ Business Informatics and Systems
- ✓ Cloud Computing
- ✓ Computational Life Sciences
- ✓ Computer Architecture
- ✓ Computer Communications
- ✓ Computer Graphics
- ✓ Computing History
- ✓ Cybersecurity
- ✓ Data Engineering
- ✓ Dependable Computing and Fault Tolerance
- ✓ Digital Libraries
- ✓ Distributed Processing
- ✓ Emerging Topics in Computing
- ✓ Hardware
- ✓ High Performance Computing
- ✓ Information Technology
- ✓ Intelligent Informatics
- ✓ Internet
- ✓ Learning Technology
- ✓ Mathematical Foundations of Computing
- ✓ Microprocessors and Microcomputers
- ✓ Microprogramming and Microarchitecture
- ✓ Mobile Computing
- ✓ Multimedia Computing
- ✓ Multiple-Valued Logic
- ✓ Networks
- ✓ Parallel Processing
- ✓ Pattern Analysis and Machine Intelligence
- ✓ Pervasive Computing
- ✓ Real-Time Systems
- ✓ Scalable Computing
- ✓ Security and Privacy
- ✓ Semantic Computing
- ✓ Services Computing
- ✓ Simulation
- ✓ Software Engineering
- ✓ Sustainable Computing
- ✓ Test Technology
- ✓ Theory
- ✓ Virtual Reality
- ✓ Visualization
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