DEPARTMENT OF COMPUTER SCIENCE

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http://www.cs.txstate.edu/

The Department of Computer Science at Texas State is the hub of computing related education and research activities on the campus.

The department is on a mission to advance the knowledge of computer science and technology through education, research, and service for the betterment of industry, government, and society. We seek to become a competitive doctoral-granting department and to expand our depth and breadth in the research and study of applied computing.

Computer science faculty members actively pursue research in artificial intelligence, bioinformatics, computer communication and networking, computer security, database and information systems, distributed and parallel computing, human computer interaction, image retrieval, multimedia computing, sensor networks, social computing, and software engineering. The faculty’s research has been supported by federal and state agencies and industry such as NSF, NIST, DoD, DoE, PNNL, LLNL, TxDOT, Semiconductor Research Consortium, IBM, Intel, NVidia, and Emerson. Our faculty members have obtained prestigious awards like NSF CAREER Awards and IBM Faculty Fellowship.

Computer science students take courses in a well-designed curriculum taught by the department’s faculty members who are accessible, nurturing, and eager to engage students in learning and research. Students have access to an array of hardware, system software, and applications in our first-class computing laboratories.

Non-graduate Degree Credit

Individuals may apply for “non-degree seeking student” admission through The Graduate College to enroll in computer science background courses before completing the GRE requirement.

Please note: International students must meet specific admission requirements, including acceptable TOEFL or IELTS scores. Please refer to the “Non-Degree-Seeking Applicants” section of this catalog.

Teacher Certification

The University’s Undergraduate Catalog provides information regarding the available teacher certification programs related to computer science.

Master of Arts (M.A.)

- Major in Computer Science (http://mycatalog.txstate.edu/graduate/science-engineering/computer/ma)

Master of Science (M.S.)

- Major in Computer Science (http://mycatalog.txstate.edu/graduate/science-engineering/computer/ms)
- Major in Software Engineering (http://mycatalog.txstate.edu/graduate/science-engineering/computer/software-ms)

Minors

- Computer Science (http://mycatalog.txstate.edu/graduate/science-engineering/computer/minor)
- Forensic Systems (http://mycatalog.txstate.edu/graduate/science-engineering/computer/forensic-systems-minor)
- Software Engineering (http://mycatalog.txstate.edu/graduate/science-engineering/computer/software-minor)

Certificate

- Computer Science (http://mycatalog.txstate.edu/graduate/science-engineering/computer/certificate)

Ali, Moonis, Professor, Computer Science, Ph.D., Aligarh Muslim University

Burtscher, Martin, Professor, Computer Science, Ph.D., University of Colorado Boulder

Chen, Xiao, Associate Professor, Computer Science, Ph.D., Florida Atlantic University

Ekstrand, Michael Dean, Assistant Professor, Computer Science, Ph.D., Univ of Minnesota-Twin Cities

Gao, Ju, Associate Professor, Computer Science, Ph.D., Simon Fraser University

Gu, Qijun, Associate Professor, Computer Science, Ph.D., Penn State University Park

Guirguis, Mina S, Associate Professor, Computer Science, Ph.D., Boston University

Hwang, Canoe Jinshong, Professor, Computer Science, Ph.D., Louisiana State Univ A&M College

Komogortsev, Oleg, Associate Professor, Computer Science, Ph.D., Kent State University

Lu, Yijuan, Associate Professor, Computer Science, Ph.D., Univ of Texas at San Antonio

Metis, Vangelis, Assistant Professor, Computer Science, Ph.D., University of Texas at Arlington

Ngo, Hee Hiong, Professor, Computer Science, Ph.D., University of Western Australia

Peng, Wuxu, Professor, Computer Science, Ph.D., Penn State University Park

Podorozhny, Rodion, Associate Professor, Computer Science, Ph.D., University of Texas at Austin

Qasem, Apan Muhammad, Associate Professor, Computer Science, Ph.D., Rice University

Seaman, Jill M, Lecturer, Computer Science, Ph.D., Penn State University Park

Shi, Hongchi, Chair - Professor, Computer Science, Ph.D., University of Florida

Tamir, Dan, Associate Professor, Computer Science, Ph.D., Florida State University
Yang, Guowei, Assistant Professor, Computer Science, Ph.D., University of Texas at Austin

Zare, Habil, Assistant Professor, Computer Science, Ph.D., University of British Columbia

Zong, Ziliang, Assistant Professor, Computer Science, Ph.D., Auburn University