



UNIVERSITY OF NORTH TEXAS[®] Computer Science & Engineering

Top 5 Things to Know about Us

1. With over 100 Ph. D. students supervised by over 30 faculty advisors and over 1,500 MS students, we are the largest department in the UNT College of Engineering.
2. Our Center for Information and Cybersecurity has been recognized by the U. S. Department of Homeland Security and National Security Agency as a Center of Academic Excellence in Education and Research in Cyberdefense.
3. Our Connected and Autonomous Vehicle (CAV) lab owns an autonomous vehicle, a Polaris GEM e4 model, a fully functional electric car.
4. Our students work on DoD, DoE, NSF, NIH and industrial- sponsored projects.
5. We aim to provide a high-quality education to our diverse student population through excellence and innovation in teaching and research in order to serve the scientific and engineering needs of the state of Texas and the nation.

16th

in the U.S. for enrolling and graduating women in computer science

UNT is a **Tier One** research university located in Denton, TX.

BRAID Initiative

The Department of Computer Science & Engineering is 1 of 15 BRAID universities. Focused on Building, Recruiting And Inclusion for Diversity (BRAID), the department annually sponsors and sends students to the Grace Hopper Celebration of Women in Computing and Richard Tapia Celebration of Diversity in Computing.

Faculty Spotlight



Dr. Hui Zhao is an Associate Professor in the Department of Computer Science and Engineering. Dr. Zhao was awarded an NSF CAREER Award in 2021. She is using the grant funding to further her research in designing networks-on-chips for GPU-accelerated systems, which are needed in applications that process large amounts of data, like deep learning, graph analysis, big data, and streaming applications.

Some Dr. Zhao's research interests include computer systems and architecture, multi-core/many-core processors, network-on-chip, machine learning systems, embedded systems, and high-performance computing.

UNT[®]
COLLEGE OF
ENGINEERING
Department of
Computer Science
& Engineering

Our Programs

The University of North Texas' Department of Computer Science and Engineering offers course work leading to:

We offer 5 master's programs that require 30 hours for thesis and 33 hours for non-thesis and a Doctor of Philosophy that requires 42 hours beyond MS and 72 hours beyond BS.

Our graduate programs include:

- Artificial Intelligence, M.S.
- Computer Engineering, M.S.
- Computer Science, M.S.
- Cybersecurity, M.S.
- Data Engineering, M.S.
- Computer Science & Engineering, Ph.D.

Admission

All graduate programs are open to high-achieving students from computer science and computer engineering backgrounds. STEM program graduates can apply to the Artificial Intelligence, M.S. or Data Engineering, M.S. programs. Successful applicants to our programs should:

- Apply through www.applytexas.org.
- Submit transcripts demonstrating a GPA of at least 3.0 on previous university coursework; PhD applicants should have a 3.5+ in previous coursework.
- Submit competitive GRE scores. The GRE may be waived for students who graduated from UNT, have a previously-earned graduate degree, or have 5 or more years of relevant work experience. Any waivers need to be approved by the department.
- Submit proof of English language proficiency (international students only). Acceptable scores are 79 on TOEFL and 6.0 on IELTS.
- PhD applicants should submit three letters of recommendation and a statement of purpose.

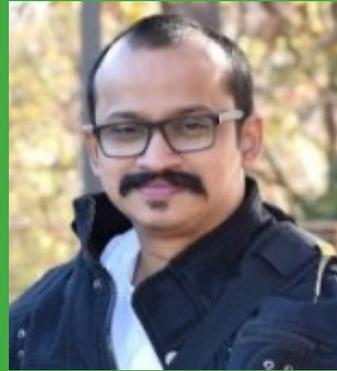
Visit cse.unt.edu/graduate to learn more.

Funding Opportunities

Teaching and research assistantships provide support for many graduate students. In addition to a monthly stipend, assistantships also qualify students for in-state tuition rates, and many students receive tuition and fee support.

Scholarships are available to graduate students as well. The general scholarship deadline is March 1 of each year. The Department of Computer Science and Engineering also offers scholarships to qualified students throughout the year. Apply and learn more at www.cse.unt.edu.

Student Spotlight



Syed Badruddoja is a Ph.D. candidate in the Computer Science & Engineering Ph.D. program and works in the Network Security Lab. Syed recently presented his co-authored paper titled *Making Smart Contracts Predict and Scale* at the Blockchain Computing and Applications 2022 conference and was awarded best paper.

Alumni Spotlight



Dr. Obianuju Okafor completed her Ph.D. in Computer Science & Engineering from UNT in Summer 2022. Her research focused on increasing the accessibility of programming environments for people with disabilities. She recently received the NCWIT AspireIT Impact Award for her commitment to increasing the participation of marginalized groups in computing,

specifically people with disabilities and young girls of color, through volunteerism and advocacy. Dr. Okafor now works at Microsoft as a Software Engineer.

Research Opportunities

Faculty and students in UNT's Department of Computer Science and Engineering are heavily involved in research and project-based learning initiatives. Some research areas studied in the department include:

- Center for Computational Epidemiology and Response Analysis
- Center for Information and Cybersecurity
- Center for Net-Centric and Cloud Software and Systems
- Algorithms and Computational Science Group
- Artificial Intelligence and Data Science Group
- Computer Systems and Networking Group
- Cybersecurity Group
- Software Engineering Group

Contact Us

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