GRADUATE SCHOOL
COLLEGE OF SCIENCES AND ARTS

EARN YOUR GRADUATE DEGREE IN COMPUTER SCIENCE

COMPUTER SCIENCE (MS, PHD)

CUTTING-EDGE RESEARCH
Graduate student research in the Department of Computer Science spans the breadth of computing, from systems to human-computer interaction. Research in scientific visualization focuses on solutions that identify the most relevant information for cost-effective viewing and understanding of large-scale scientific datasets. In virtual reality, researchers look to allow people to perceive and interact with the virtual world in the same way that they would with reality. The Center for Computer Systems Research seeks innovation in enabling computing technologies for real-time information processing applications such as imaging and computational sensing. Other research projects include work in self-stabilizing network protocols, a single assignment compiler and architecture, virtualization and memory system modeling, modeling and understanding data in complex domains, and planning and scheduling under uncertainty.

LEADING FACULTY AND STUDENTS
Our faculty and graduate students influence the world around them in their studies, research, and work. Faculty research has been funded by the National Science Foundation, Department of Defense, LSI Corporation, Microsoft, and others. Three faculty members and an alumnus have received National Science Foundation CAREER Awards. Graduate students have received the Google Anita Borg Scholarship and a NASA-Harriet G. Jenkins Predoctoral Fellowship Award. Our graduates are employed in a range of industries, including Advanced Micro Devices, Barracuda Networks, Ford, Rockwell Collins, Qualcomm, Signature Research, Texas Instruments, and more.

HIGH-QUALITY RESEARCH FACILITIES
The University offers state-of-the-art research equipment that includes: an IBM Systems p5 dual 4-core system, multiple clusters, PC-based graphics systems, an nVisor-based augmented virtual reality system, a Pioneer 3 AT vision-equipped MobileRobot, and a mobile usability testing lab.

COMPUTER SCIENCE SPOTLIGHT
“At Tech, I had the wonderful opportunity to train under some of the best professors in the field. The professors are down to earth, friendly, and always willing to help students both academically and personally. I especially enjoyed the International House program at Tech which helped me to quickly acclimate to the American culture and get acquainted with many cultures around the world. The experience has helped me immensely in leading a culturally diverse team at a global corporation.”

Budi Purnomo ’01
Software Engineering Team Leader, Advanced Micro Devices Inc.

www.mtu.edu/cs/graduate/computer-science • www.mtu.edu/gradschool
ADMISSION REQUIREMENTS

Application deadline: Apply by February 1 for the fall semester. Applications are reviewed on an individual basis using a holistic approach.

All Students
• Graduate School application
• Statement of purpose
• Official transcripts
• GRE required (Tech students exempt)
• Three letters of recommendation
• Admitted applicants typically have an undergraduate GPA of 3.0/4.0

International Students
• TOEFL: Recommended score of 90 iBT

FINANCE YOUR FUTURE

Earning your computer science degree is an investment in your career and your future. Here are a few financial aid opportunities you can explore as you look for ways to pay for your degree.

• Graduate teaching assistantships (GTAs), graduate research assistantships (GRAs), and fellowships are available to qualified applicants. All students admitted to the Graduate School are considered for these awards.
• Many graduate students are eligible for a new set of federal loans, up to $20,500 per academic year, as an independent student.
• Contact Michigan Tech’s Financial Aid Office at 906-487-2622 or finaid@mtu.edu for more information on financial aid opportunities.

ABOUT MICHIGAN TECH

Michigan Technological University, founded in 1885, has gained world-wide recognition for innovative education and scholarship. Michigan Tech is a leading public research university, exploring the boundaries of knowledge, developing new technologies, and preparing students to create the future for a prosperous and sustainable world. Michigan Tech offers more than seventy graduate degree programs in engineering, forestry and environmental sciences, computing, business and economics, natural and physical sciences, humanities, technology, and social sciences.

ABOUT HOUGHTON

Houghton lies in the heart of Upper Michigan’s scenic Keweenaw Peninsula. The campus overlooks the Keweenaw Waterway and is just a few miles from Lake Superior. The area’s waters and forests, including our 600-acre recreational forest adjoining campus, offer students unparalleled opportunity for outdoor recreation and relaxation. The University’s 7,000 students come from all fifty states and more than sixty nations, making the area a vibrant, multicultural community.

APPLYING IS EASY—AND FREE!

www.mtu.edu/gradschool/admissions/apply

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