Michigan Technological University

Computer Science

Highlights 2020-2021

Faculty
19 Tenure-track/Tenured
3 Lecturer Track

Enrollments – Fall 2020
Computer Science
BS 443
MS 30
PhD 26

Software Engineering
BS 96

Cybersecurity
MS 6

New Faculty

Briana Bettin
Assistant Professor
Areas of Expertise:
• User experience
• Human factors
• Education, engagement, retention

Junqiao Qiu
Assistant Professor
Areas of Expertise:
• Parallel computing
• Programming systems
• Compiler optimization

Leo Ureel
Assistant Professor
Areas of Expertise:
• Software engineering
• Computer science education
• Intelligent tutoring systems

Student Highlights
In Spring 2021 NCL cybersecurity competition, the MTU RedTeam completed 100% of the challenges earning a 3rd place in the team game, out of 922 teams from hundreds of universities across the US.

A team of MTU students qualified for the ICPC North America Division Championships.

Recognitions


Funding Highlights


Wallace, C., Ureel II, L., Havens, T., Barnard, A., Redesign and Implementation of USDS Proxy Language-Phase II, ARIA.


Oommen, T., Havens, T., Meadows, G. SCC-CIVIC-PG Track B: Helping Rural Counties to Enhance Flooding and Coastal Disaster Resilience and Adaption, NSF.

Pastel, R., Morgan, C., ENTERPRISE: Real Time Strategy Game for Military Commanders, National Center for the Advancement of STEM Education.

Hatti, N., Walker, J., Morgan, C., ENTERPRISE: Interactive Website Design for Multiple Hospitality Venues, Destination Calumet LLC.

Qiu, J., CRII: SHF: GPU-accelerated FSM computations with advanced speculation, NSF.

http://www.mtu.edu/cs