Michigan Technological University

Computer Science

Highlights 2019-2020

Now part of the newly formed College of Computing

Statistics

Faculty
15 Tenure-track/Tenured
4 Lecturer Track

Students
- Computer Science
  - BS: 433
  - MS: 26
  - PhD: 28
- Software Engineering
  - BS: 86
- Cybersecurity (new Fall 2019)
  - MS: 4

New Degree Programs

- BS Cybersecurity
- MS Cybersecurity
- BS Mathematics and Computer Science

New Faculty

Yakov Nekrich
Associate Professor
PhD University of Bonn

Areas of Expertise:
- String Algorithms
- Compressed Data Structures
- Computational Geometry

Recognitions

- 2020 NCWIT Extension Services Transformation (NEXT) Award Honorable Mention for significant progress in recruiting and retaining women.
- An ITICSE Working Group report co-authored by Dr. Linda Ott was named a finalist for Top Working Group report in the conference’s first 25 years.
- Successful ABET accreditation visit for CS and SE BS degree programs

Funding Highlights

- Onder, S., SHF: Medium: Collaborative Research: Statically Controlled Asynchronous Lane Execution (SCALE), NSF
- Vertanen, K. D., CHS: Small: Collaborative Research: Improving Mobile Device Input for Users who are Blind or Low Vision, NSF
- Chen, B., EAGER: Enabling Secure Data Recovery for Mobile Devices against Malicious Attacks, NSF
- Cai, Y., Chen, B., Van Wagner, T. A. GenCyber Teacher Camp at Michigan Tech, NSA
- Havens, T., Machine Learning for Human-Based Visual Detection Metrics, Signature Research Inc.
- Havens, T., Duty Cycle Aggregation, Warranty Mitigation, and Fleet Prognostics using Customer Usage Data, Ford Motor Company

Student Highlights

- Dylan Gaines, National Science Foundation Graduate Research Fellowship Award
- The MTU RedTeam ranked 13th out of 162 teams in a 24-hour Cybar OSINT Capture The Flag (CTF) cybersecurity competition.

http://www.mtu.edu/cs