COMPUTER SCIENCE & ENGINEERING
UNIVERSITY OF MICHIGAN

Bob and Betty Beyster Building
2260 Hayward Street
Ann Arbor, MI 48109-2121
cse.engin.umich.edu

9 Academic Degrees

92 Faculty

2739 Undergrads

371 Graduate Students

$31M+ Research Funding

CSE FACULTY

- 65 Tenure/Tenure-Track Faculty; award counts exclude emeritus:
  12 ACM Fellows, 12 IEEE Fellows, 7 AAAI Fellows,
  5 AAAS Fellows, 2 SIGCHI Academy, 1 CSS Fellow,
  11 Sloan Fellows; 1 Carnegie Fellow
  37 NSF CAREER, PECASE, and Young Investigator Awards
- 4 Research Faculty
- 23 Teaching Faculty

OUR STUDENTS

- 2739 undergraduate CS, CE, and DS declared majors, Winter 2021
- 1173 undergraduate degrees conferred, AY 2019-2020
- 371 graduate students, Fall 2020
- 150 MS and PhD degrees conferred, AY 2019-2020

ACADEMIC PROGRAMS

- PhD, Computer Science & Engineering
- MS/MSE, Computer Science & Engineering
- MS, Data Science (LSA)
- BSE, Computer Engineering
- BSE, Computer Science
- BS, Computer Science (LSA)
- BSE, Data Science
- BS, Data Science (LSA)
- Minor, Computer Science

LIFE AT CSE

- Programs to build a positive, inclusive culture in CSE and to increase participation by all communities
- CSE Honors Competition recognizes outstanding graduate research
- Weekly teas hosted by CSE graduate student organization
- CS-centric department-wide outings

RESEARCH AREAS

Artificial Intelligence • Bioinformatics • Cognitive Architectures • Collaborative and Social Computing • Computational Healthcare • Computational Modeling of Human Emotion • Computer Architecture • Computer Games and Artificial Environments • Computer Vision • Cryptographic Protocols • Data Center Architecture • Data Mining and Big Data • Database Systems • Electronic Commerce • Embedded, Networked, and Wireless Systems • Interactive Systems • Low Power Computing • Machine Learning • Medical Device Security • Mobile Learning • Multicore and Parallel Systems • Natural Language Processing and Information Retrieval • Operating, Distributed, and Cloud Systems • Parallel and Distributed Processing • Performative and Mobile Art and Creativity • Pervasive and Mobile Computing • Quantum Computing and Information Processing • Robotics • Robust and Self-Healing Systems • Security and Privacy • Software and Real-Time Computing • Storage Systems • Theory of Computation • Verification, Testing, and Physical Design

RESEARCH EXPENDITURES, FY20

- $31+ Million

RANKINGS

- CSrankings.org: Institutional Ranking in Computer Science: 8 (2005–Mar 2021)
- US News & World Report:
  Graduate Engineering School: 7 (2022)
  Graduate Program in Computer Engineering: 5 (2022)
  Graduate Program in Computer Science: 11 (2018)
  Undergraduate Engineering School: 6 (2021)
  Undergraduate Program in Computer Engineering: 7 (2021)
  US News does not provide a ranking for undergraduate programs in computer science.

SOME OF OUR SPONSORS:

Alfred P. Sloan Foundation, ARM, AT&T, Bill and Melinda Gates Foundation, Defense Science and Technology Laboratory, Denso International America, Depts. of Defense (Air Force, Army, DARPA, Navy), Dept. of Energy, Dept. of Health and Human Services, Dept. of Homeland Security, Dept. of the Interior, Dept. of Veterans Affairs, Ford Motor Company, Future of Life Institute, General Motors, George Lucas Foundation, Google, Huawei Technologies, IBM, Intel, Intuitive Surgical, Inc., John Templeton Foundation, King Abdullah University of Science and Technology, Leona M. and Harry B. Helmsley Charitable Foundation, LG Chemical Company, Michigan Economic Development Corporation, National Aeronautics and Space Administration, National Institutes of Health, National Science Foundation, Open Philanthropy Project, Proctor and Gamble, Qatar Foundation, Samsung, Semiconductor Research Corporation, T-Mobile USA, Toyota Research Institute, United States Postal Service

Updated March 2021