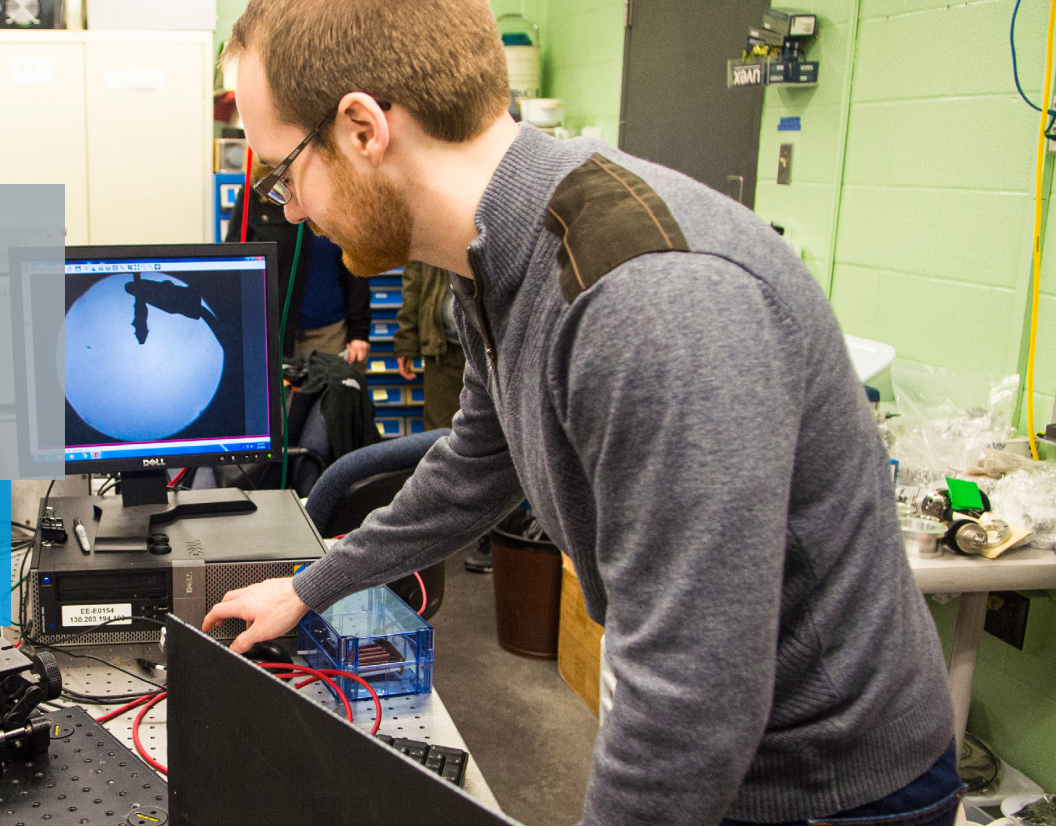


EXPLORE

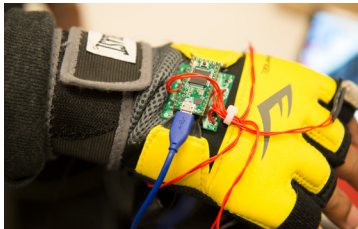
Computer Science



PennState
College of Engineering



The computer science program at Penn State consistently ranks as a top program in the United States as reported by U.S. News & World Report.



Our curriculum provides the fundamental education to prepare students for positions in industry, government, education, and commerce, or to pursue graduate study.

The computer science curriculum is organized with two goals in mind. First, upon graduation, a student must be prepared to meet immediate demands in solving computational problems. Second, a student must have sufficient understanding of basic principles and concepts in computer science to avoid technological obsolescence in the rapidly changing information technology environment. This program is intended to produce computer science professionals and not merely technicians with some training in computer programming.

We have a number of professional societies that allow students to explore computer science outside of the classroom.

Students have access to speakers, career fairs, conferences, competitions, tours, professional contacts, leadership opportunities, and social events.

Our alumni remain actively involved, particularly in our mentoring program. Our undergraduates are paired with computer science alumni working in industry. Our mentors facilitate professional development by providing students with guidance, counsel, and networking opportunities.

For more information about the School of Electrical Engineering and Computer Science at Penn State, visit eecs.psu.edu.



Math

Students who excel in math tend to do well in computer science.

Our areas of specialization build on this skill.

Engineering Co-op and Internship Program

Integrate classroom learning with real-world experience.



Study Abroad Programs

Gain a worldwide perspective as you

develop foreign language skills, cultural understanding, and professional experience.

Graduate Program

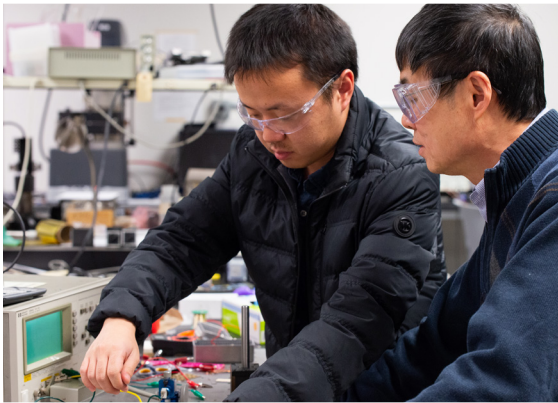
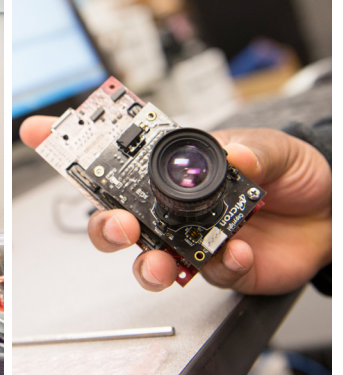
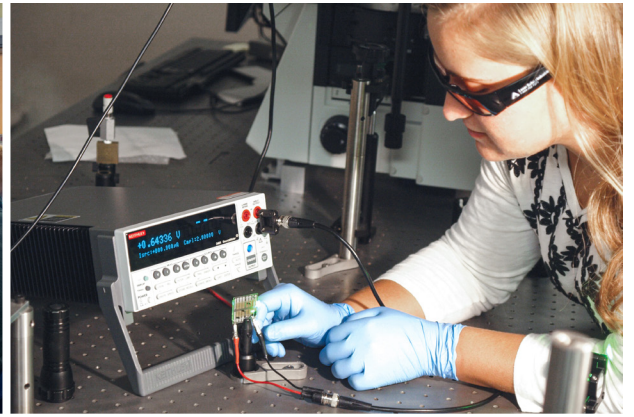
Broaden educational credentials and improve your marketability in the global workplace.

HackPSU

Penn State's student-run hackathon and the largest technology event at Penn State welcomes hundreds of students from across the world for 24 hours of innovation, creation, and fun. From seasoned coding veterans to first-time hackers in any major or field, students of all skill levels participate in technologically engaging challenges and professional networking.

CMPS

Hear from students and alumni by watching the Exposure to Major video series: bit.ly/PennStateEngineering



What is a computer scientist?

Computer scientists design and build software—from small web applications to operating systems and stand-alone applications for desktop use to integrated systems found in places like the International Space Station. Computer scientists design and build secure software that protects sensitive data, enables online financial transactions, and ensures electronic privacy.

Examples of career opportunities: Software engineer; mobile application developer; software application developer; system software developer; software project manager; cybersecurity analyst

eecs.psu.edu

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Daniel Stebbins
Schreyer Honors College

"I chose the computer science major because I have always enjoyed logic and mathematics. Programming is a wonderful expression of those two things, to the point that it often feels like magic. My favorite thing about being a computer science major has been gaining a deeper understanding of systems and concepts we often take for granted—from semiconductors, chips, and operating systems to data structures, application design, and machine learning."