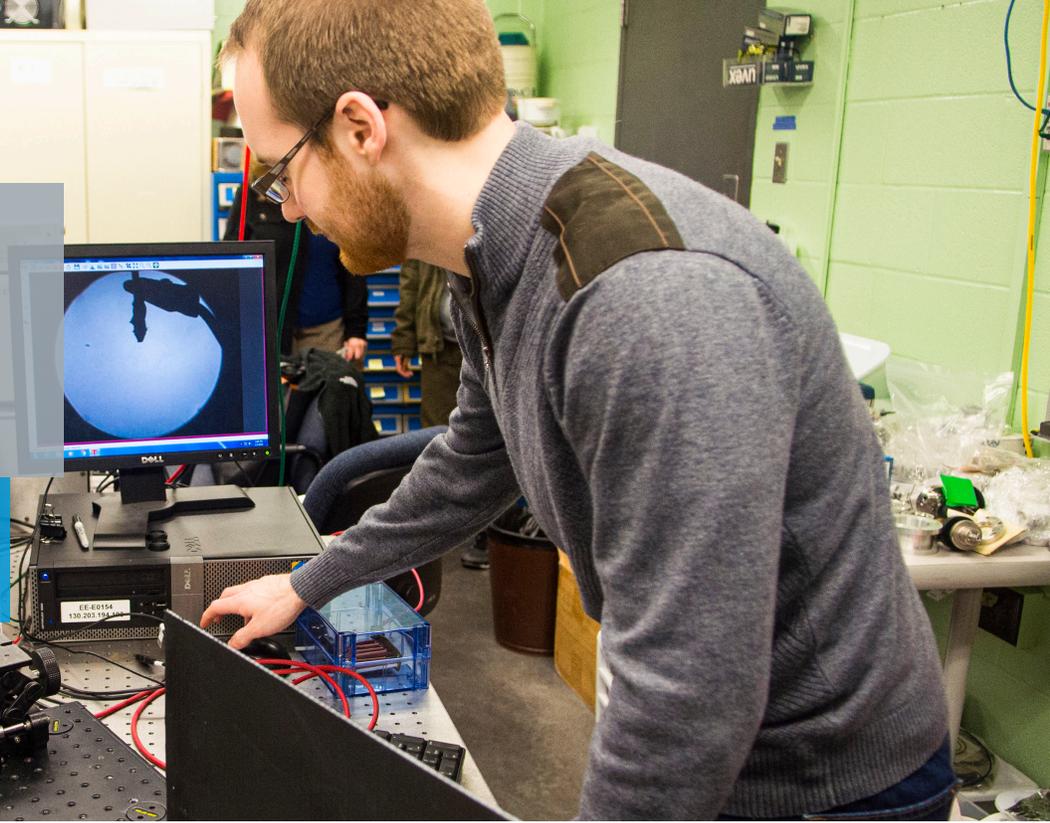


EXPLORE

# 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 a 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](http://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 & 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.

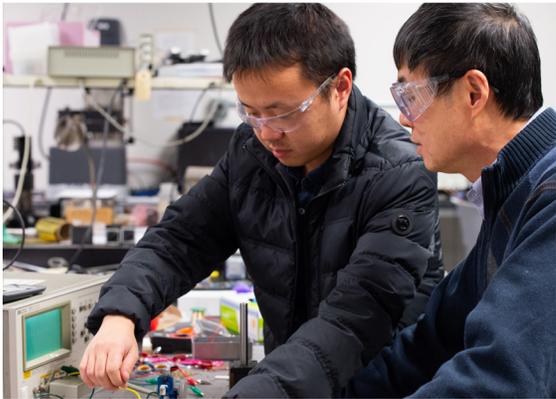
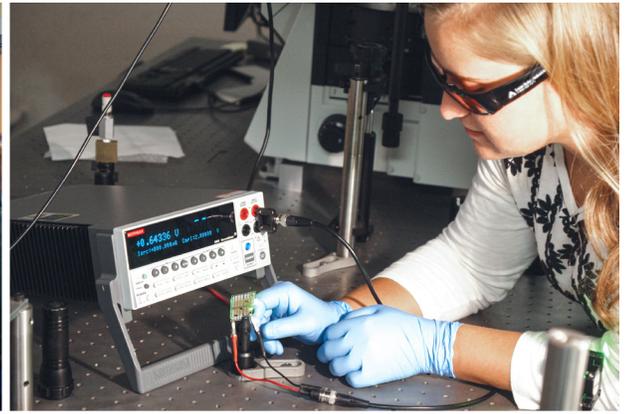
AVERAGE ENTRY-LEVEL SALARY OF  
COMPUTER SCIENCE GRADUATES

# \$90,882

[bit.ly/engr-salaries](http://bit.ly/engr-salaries)

**CMPS**

Hear from students and alumni by watching the Exposure to Major video series: [bit.ly/PennStateEngineering](http://bit.ly/PennStateEngineering)



# What is a computer scientist?

Computer scientists design and build software: from small web applications to operating systems, and from 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



**Alyssa Tice**  
Schreyer Honors College  
Class of 2020

*"I chose computer science as my major because I wanted to combine my love of creativity with math and science. This major has afforded me innumerable opportunities in almost every industry and has given me the ability to choose how I want to engineer a better future with code."*



**eecs.psu.edu**

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