COMPUTER SCIENCE

Illinois Tech is a small, private university that educates students to go on to do big things. If you love computer science, there is no better place to study than Illinois Tech, a university recognized for innovation and achievements in science and technology.

The Bachelor of Science in Computer Science program at Illinois Tech has a strong software engineering focus throughout the curriculum, which gives our students an advantage in the most challenging CS positions. That, along with a thorough computer science theory sequence, will provide you with the basis for fundamental technology innovation. In the long term, this will be a difference maker in your career.

Illinois Tech is also growing our computer science faculty in the hottest research areas—including cloud computing, cybersecurity, social networking, and data science.

RESEARCH—EVEN AS AN UNDERGRAD!

Computer science undergraduates at Illinois Tech get the opportunity to work on major research right from the start. You might participate in a professor’s research lab or work at a company on campus in University Technology Park. Our new Elevate program consists of summer courses that allow all undergraduates to experience research early in their careers at Illinois Tech (the summer after your first year, or the summer before your first year for transfer students). We also offer $5,000 Undergraduate Summer Research stipends to select students.

Maximize Your Education

Illinois Tech’s accelerated master’s degree programs allow you to receive both your bachelor’s and master’s degrees in computer science in as few as five years.

- B.S. in Computer Science/Master of Computer Science
- B.S. in Computer Science/M.S. in Computer Science
- B.S. in Computer Science/Master of Data Science

Illinois Tech also offers a special dual-degree program that allows you to complete both your B.S. in computer science and a B.S. in applied mathematics, biomedical engineering, computer engineering, or physics in as few as five years.

“One summer I was an intern in software development for Visa. It was the best summer ever. It was cool to see the life cycle of a software development project from beginning to end. Illinois Tech definitely prepared me for my internship. I picked up a new language easily.”

—Emily Warman (Computer Science ’16, Toronto, Canada)

Emily was one of five national winners of the 2015 Wells Fargo Campus Analytics Challenge. She is now a software engineer at Google.

Eunice Santos, the Ron Hochsprung Endowed Chair, chair of computer science, and professor of computer science at Illinois Tech, was named to the prestigious Crain’s Chicago Business “Tech 50” list of people to know in Chicago’s tech ecosystem.

Computer Science Assistant Professor Aron Culotta studies socially beneficial applications of natural language processing, machine learning, and text mining algorithms. He has found correlations between Twitter chatter and values such as the influenza rate, alcohol sales volume, and the level of concern regarding an impending hurricane. Culotta is co-leading a research project that aims to develop software tools to forecast imminent cyberbullying threats and vulnerabilities in online social networks.
Graduates of our Computer Science program include a member of the team that developed the Pentium chip, the co-founder of Linksys, a key scientist on the Titan supercomputer project, and many other global innovators.

Jason Resch (Computer Science ’06) is a bright young software architect with 121 patents to his name—and 267 patent applications pending. While a student at Illinois Tech, he joined the Chicago-based cloud-storage company Cleversafe, which was sold to IBM in 2015 for $1.3 billion.

“When I first met Jason in 2005, he came across as a person with a very special intellect and enormous potential. Since then, he’s proven himself as not only a brilliant software engineer but also one of the most prolific inventors of his generation,” says Chris Gladwin, an Illinois Tech trustee and founder of Cleversafe who is now the chief executive officer of a new company, Ocient. Gladwin recently gave Illinois Tech’s Department of Computer Science a $7.6 million gift, which will be used to expand facilities and attract more top faculty.

Just a few companies that have hired our graduates:
- Goldman Sachs
- Google
- Microsoft
- kCura
- Orbitz
- Cleversafe (purchased by IBM)
- Barbaroga
- CME Group

Just a few universities where graduates of our department are attending graduate school:
- Illinois Tech
- Northwestern University
- Carnegie Mellon University
- UC Berkeley
- Georgia Tech
- Georgetown University
- University of Michigan