

Cutting-Edge Programs,
Smart People, Cool Research

FIND IT ALL AT ILLINOIS TECH

BE IT ALL 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, work at a company on campus in **University Technology Park**, or apply for one of our stipends for undergraduate summer research in the College of Science.

Our hometown of Chicago is ranked as one of the **top 10 cities for technology careers** by *CIO* magazine.



Illinois Tech Computer Science Student Success

- An Illinois Tech student team advanced to the **World Finals of the Association for Computing Machinery International Collegiate Programming Contest** in 2016.
- **Adnan Haider** (Computer Science 3rd year) was selected as a finalist for a 2016 Outstanding Undergraduate Researcher Award by the Computing Research Association. The awards recognize undergraduate students in North American universities who show outstanding potential in an area of computing research.
- **Vinesh Kannan** (Computer Science 2nd year), co-creator of the app Omnipointment, was a semifinalist in the Future Founders' U-Pitch competition, among several other accomplishments.
- Computer science students gain valuable experience in organizations such as the Association for Computing Machinery (ACM), ACM-W (women), and the Computer Science Honors Society.



Great Faculty Doing Great Things

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 and another Illinois Tech professor are currently leading a research project that aims to develop software tools to forecast imminent cyberbullying threats and vulnerabilities in online social networks.

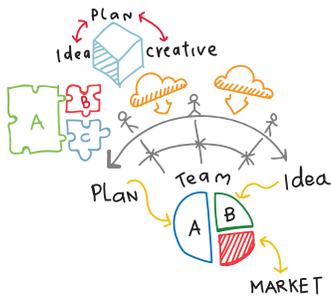


Experience It:
Computer Science
at Illinois Tech

“Last 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, 4th Year, Toronto, Canada

Emily was one of five national winners of the 2015 Wells Fargo Campus Analytics Challenge.



Be an Innovator—IPRO and Project-Based Learning

In Illinois Tech's signature **Interprofessional Projects (IPRO) Program**, you'll work with students from various majors to solve real-world problems. This hands-on collaborative experience gives our students a big advantage after graduation. Recent computer science-oriented IPROs include:

- Mobilus: robotic standing wheelchair with arm component
- Smart microgrids within contemporary electrical generation, transmission, and distribution networks
- User interfaces for novel computer-aided drug-design tools
- Creating an interactive prototype for the neighborhood gathering spot of the future

STAND OUT.

Our graduates are far from ordinary.
But we expect them to be extraordinary.

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



College of Science

ILLINOIS INSTITUTE OF TECHNOLOGY

2'Fer Advantage

Illinois Tech's special 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.

EXPERIENCE IT

SEE WHAT HAWK LIFE IS ALL ABOUT!

Throughout the year we host a number of opportunities for you and your family to come check out everything you'd ever want to know about us!

Schedule a campus visit today at visit.iit.edu.

Or send us an email at admissions@iit.edu.

