

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 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.

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. Illinois Tech student teams also took first place in both the VandyHacks and DemonHacks hackathons in 2017.
- **Adnan Haider** (Computer Science 4th 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 3rd year), co-creator of the app Omnipointment (which was sold to Mimir in 2017), 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 is co-leading a research project that aims to develop software tools to forecast imminent cyberbullying threats and vulnerabilities in online social networks.



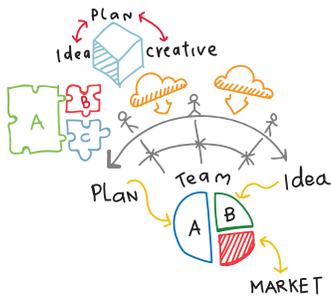
Experience It:  
Computer Science  
at Illinois Tech

“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 '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.



## 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:

- Inspiring public safety innovation and using big data visualization to improve responsiveness to natural disasters
- Smart microgrids within contemporary electrical generation, transmission, and distribution networks
- User interfaces for novel computer-aided drug-design tools
- Innovating downtown and neighborhood walkability through insights from big data and mobile app tools

# 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.

## TAKE A VIRTUAL TOUR

Visit us now! Log on to [www.iit.edu/virtualtour](http://www.iit.edu/virtualtour) to view a cool online virtual tour of our buildings, labs, open spaces, and more!

