

NJIT

New Jersey Institute
of Technology

#1 in New Jersey
#14 Nationally

Early Career Salaries
Public Universities
-Forbes

Top 2%
In Return on investment
-PayScale.com

#1 Nationally
For Teaching
Programming Skills
-HackerRank

New Jersey Institute of Technology
Ying Wu College of Computing
Guttenberg Information
Technologies Center (GITC)

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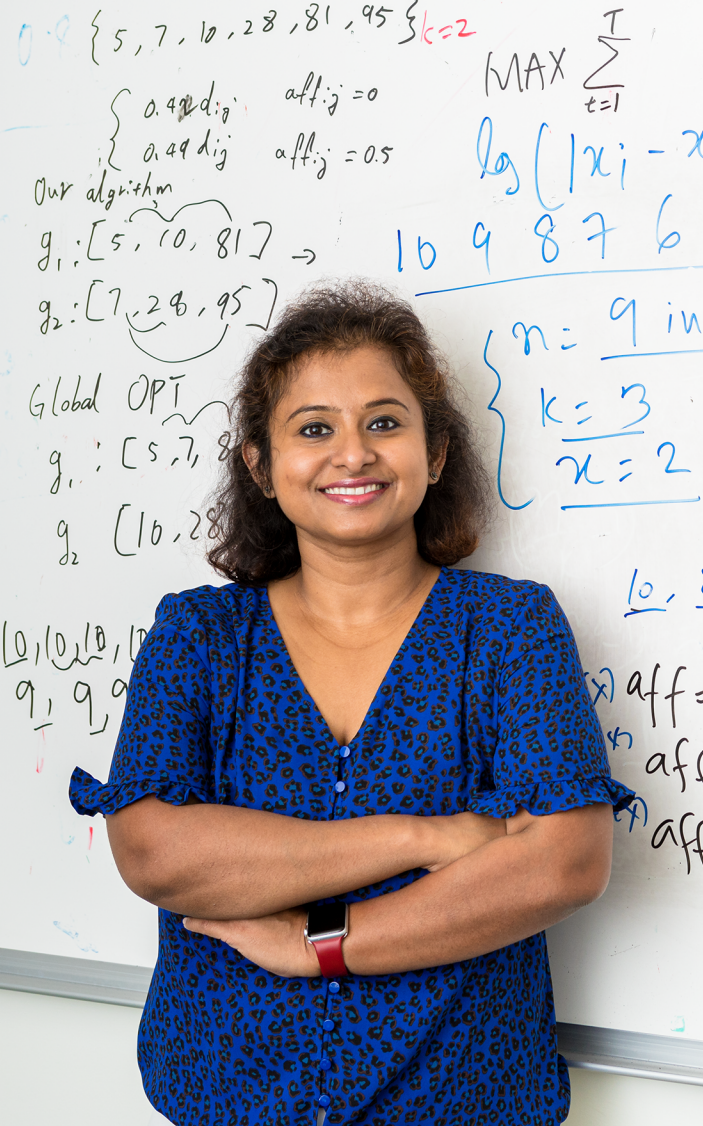
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**Powering
The World!**

Computer Science

Ying Wu College
of Computing



Today's World Runs on Software

Everything runs on software – from smart phones to autonomous cars to the refrigerator in your kitchen. Today's software-driven society depends on computing professionals to both build and maintain that software, developing new features and keeping our data and livelihoods secure. As recent global events have shown, our world can only move as quickly and efficiently as the computer systems that power it.

Computer Science

Computer Science (CS) is a discipline that involves the design and development of software systems and applications. It ranges from programming to algorithmic design to practical problems of software system engineering and implementation.

The breadth of computer science is all encompassing. It is an interdisciplinary field with roots in mathematics and engineering and applications in many diverse areas. Programming is but one aspect of computer science and computer scientists work to solve multifaceted problems.

Some may be working with engineers or managers to develop and deploy software systems, while others may be involved in research and development for science and medicine. Computer Science provides an excellent training in problem solving and analytical thinking, which are important skills that will serve you well throughout your career.

Department of Computer Science

The Department of Computer Science is the largest department at NJIT and resides in one of the largest Colleges of Computing in the nation, helping educate the largest group of computing professionals in the tri-state region. Not coincidentally, New Jersey is one of the leading states for computing and technology companies. After studying in a broad array of undergraduate and graduate degree programs, graduates frequently land satisfying and intellectually challenging jobs in numerous areas of technology, finance, healthcare, media and virtually any industry that is powered by software technologies. The ACM student club provides an additional array of extracurricular activities.



Department Offerings

The department offers B.S., M.S. and Ph.D. degree programs in computer science and evolving interdisciplinary programs like cybersecurity, bioinformatics and computing and business. All students perform projects in collaboration with our 200+ industry partners during their Capstone Program, a required semester-long course during the senior year. This real-world experience prepares them for in-demand positions with leading companies such as Google, Microsoft, Johnson & Johnson, Prudential and NASA. The college's Co-op program, as well as internships, provide additional opportunities for students to build relationships with companies and address real-world problems.

Degrees & Certificates

Programs are offered at our Newark (NWK) and Jersey City (JC) campuses and Online (O)

Undergraduate

- B.S. in Computer Science (NWK)
- B.S. in Computing and Business (NWK)

Graduate

- M.S. in Bioinformatics (NWK)
- M.S. in Computer Science (NWK) (JC) (O)
- M.S. in Computing and Business (NWK) (O)
- M.S. in Cybersecurity & Privacy (NWK) (JC) (O)
- M.S. in Software Engineering (NWK)

Graduate Certificates

- Computer Science (JC)
- Foundations of Cybersecurity (JC)

Doctoral

- Ph.D. in Computer Science (NWK)