I Can Work Where?
Electronic Arts, Google, Microsoft, Mozilla, GE and Zynga are just a few of the companies where our computer science graduates have started their careers.

Battle of the Brains
Student programming teams have advanced to the world finals of the ACM Intercollegiate Programming Competition five times in the past 15 years.

Top Tech
Students learn about supercomputers and develop high-performance applications using our Blueshark HPC cluster (a 576 processor core IBM system).

Computer science focuses on the fundamental theory of computing, which includes models of computation, problems and their computability, the complexity of solutions and applications in unlimited domains. In other words, it’s far more than just programming. Computer science students learn the fundamentals of algorithmic thinking and how to design, develop and test software and information systems.

Why Computer Science at Florida Tech?
When it comes to the study of computer science—a rigorous and challenging field—the benefits of small classes and concerned and available faculty cannot be overstated. At Florida Tech, professors who care about your success will make time to help, advise and guide you as you pursue your passion. Another benefit to choosing Florida Tech is the exciting research being done by our faculty, and the opportunities that come as a result. Our professors involve students in projects related to machine learning, computer vision, biologically inspired computing, data mining, cybersecurity, cryptography, speech recognition and more. If you want an immersive, hands-on experience in an active environment, Florida Tech is the place.

Your First-Year Experience
In the first year, computer science students learn the fundamentals of algorithmic thinking and gain the ability to express solutions to problems using computer programming languages. In other words, you begin doing computer science on day one. First-year courses give you a foundation in software development and cover computer organization (how computers are controlled at the machine level). You also take a seminar in computer science disciplines and careers, which will help you hone your interests and map your path to success.

Quick Facts
- The Bachelor of Science degree in Computer Science is accredited by the Computing Accreditation Commission of ABET, www.abet.org.
- High-achieving students may become members in Upsilon Pi Epsilon, the international honor society for the computing and information disciplines.
- We are home to the Harris Institute for Assured Information, an interdisciplinary center devoted to cutting-edge research in computer security and information protection.
Computer Science

Computer science subfields include artificial intelligence, human-computer interaction, computer architecture, graphics, databases, operating systems and computational science.

What to Expect

As a computer science student at Florida Tech, you can expect to find professors who will get to know you and actively help you to succeed, as well as a tight-knit community of peers who are bright, friendly and—like you—passionate about computer science. The program is rigorous, so you should also expect enriching challenges along the way.

Facilities & Labs

Several state-of-the-art computing laboratories and a full suite of software development tools are freely available to all computer science students. A number of special purpose laboratories are available to students doing advanced caliber research as well.

Careers

Students who graduate with a degree in computer science find work in all sectors of the economy. Graduates of Florida Tech’s computer science program have gone on to work for:

- Electronic Arts
- General Electric
- Google
- HP
- Microsoft
- Mozilla
- NSA
- Zynga

Graduate Study

Graduates of the computer science program at Florida Tech are prepared to pursue advanced degrees in computer science and related fields and have gone on to study at graduate schools such as:

- Brown University
- Carnegie Mellon University
- Georgia Institute of Technology
- Johns Hopkins University
- UC Berkeley
- UCLA
- University of Florida
- University of Washington

Faculty Research Areas

The computer science faculty are all active and internationally known researchers with interests that span the field. These include:

- computer security, malicious code and information protection
- intelligent systems
- computer vision
- complex networks
- software testing
- computer vision
- bio-inspired computing

Well-qualified students are often invited (and sometimes fought over!) to join professors’ research teams, doing level-appropriate work.

Known for Engineering

Florida Tech is listed among the Fiske Guide’s “Engineering/Top Technical Institutes” and Parade Magazine’s College A-List in Engineering.

Senior Design

As seniors, all computer science students complete a capstone project that challenges them to design, develop program and present a novel software application.

Top Minds

Our faculty includes top researchers and practitioners in the fields of software testing, information assurance (cybersecurity) and intelligent systems.

Getting Involved

We offer an active student chapter of the Association for Computing Machinery, which offers professional development and ample opportunity to make new friends.

Department Contact

School of Computing
Phone: 321-674-8763
soc@fit.edu
http://soc.fit.edu

Florida Tech is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master’s, education specialist and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Florida Institute of Technology. Florida Institute of Technology does not discriminate on the basis of race, color, religion, sex, national origin, genetic information, sexual orientation, gender identity, disability, protected veteran status or any other protected minority in the admission of students, administration of its educational policies, scholarship and loan programs, employment policies, and athletic or other university sponsored programs or activities. Contact the Title IX Coordinator at (321) 674-8700.

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