



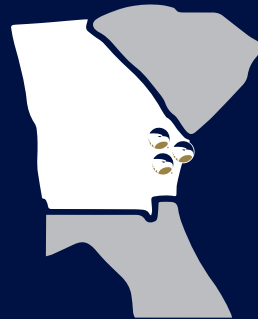
## HANDS-ON LEARNING

Georgia Southern and the College of Engineering & Computing emphasize hands-on learning to make sure our graduates are ready to start their dynamic careers when they graduate. Activities like labs, participation in competitions through student groups, co-ops and research with faculty mentors are important to the College and the Department of Computer Science. We encourage and support student research with Undergraduate Research Awards and an annual Student Research Symposium.

Employers from around the region and the country appreciate the experience our students get by putting their classroom lessons into real-world practice.

## ABOUT GEORGIA SOUTHERN

Georgia Southern University, a public Carnegie Doctoral/Research institution founded in 1906, offers 141 degree programs serving more than 27,000 students through nine colleges on three campuses—in Savannah, Statesboro and Hinesville—and online instruction. The leading higher education institution in southeast Georgia, the University provides a diverse student population with expert faculty, world-class scholarship and hands-on learning opportunities. Georgia Southern creates lifelong learners who serve as responsible scholars, leaders and stewards in their communities.



### CONTACT

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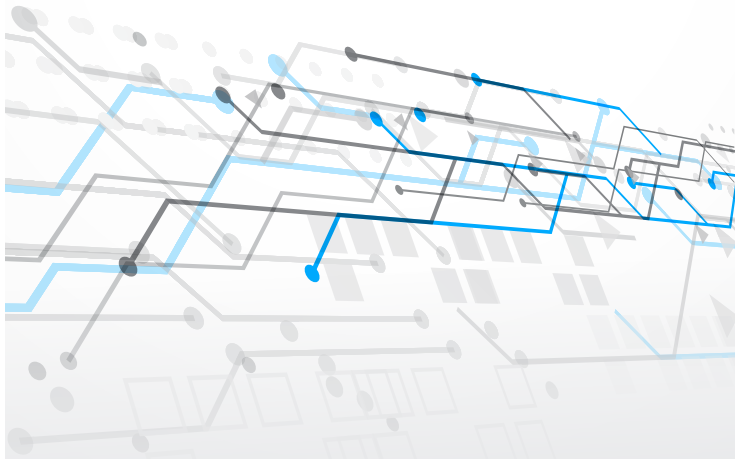
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## BACHELOR OF SCIENCE COMPUTER SCIENCE

DEPARTMENT OF  
COMPUTER SCIENCE





## WHAT IS COMPUTER SCIENCE?

Computer scientists represent a highly diverse group of professionals - from educators and researchers in academia to practitioners in project management, industrial research, and software development, engineering and application design. Computer and information research scientists invent and design new approaches to computing technology and find innovative uses for existing technology. They study and solve complex problems in computing for business, medicine, science and other fields.

Software developers are the creative minds behind computer programs. Some develop the applications that allow people to do specific tasks on a computer or another device. Others develop the underlying systems that run the devices or that control networks. Computer programmers write and test code that allows computer applications and software programs to function properly. They turn the program designs created by software developers and engineers into instructions that a computer can follow.

Computer systems analysts, sometimes called systems architects, study an organization's current computer systems and procedures, and design solutions to help the organization operate more efficiently and effectively.



### SPECIALIZATIONS IN THE DEPARTMENT

- Augmented/Virtual Reality
- Broadband Networking
- Cybersecurity
- Data and Software Systems Design
- Database and Knowledge Systems
- Mobile Computing
- Optical Networking
- Parallel and Distributed Computing
- Software Engineering

### STUDENT ORGANIZATIONS

- Assoc. for Computing Machinery (ACM)
- Assoc. for IT Professionals (AITP)
- Aurora Game Development Club
- IEEE
- Robotics Club
- Upsilon Pi Epsilon Honors Society