Clubs

Appalachian Society for Computing, Informatics and Innovation

Women in Computer Science

Video Game Development

Linux @ App

Competitive Programming

Opportunities

CS Honors Program

Accelerated Masters
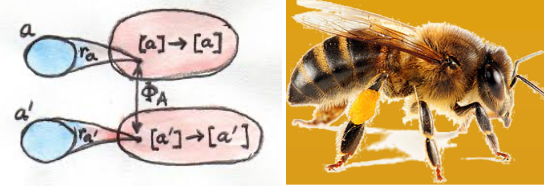
Study Halls

Research Assistant

Internship

Instructional Assistant

Tutoring

Scholarships: ECRS, LSAMP, S-STEM

Active Research

Engaged faculty researchers explore a diverse spectrum of the discipline, including honey bee colony collapse and disorders, mobile app development, programming language theory, NP-completeness proofs, data science, visualization, education innovations, and more.

19 faculty research awards totaling more than $5 million over last 9 years.

Three "post-graduate" researchers currently assisting faculty with research.

Department of Computer Science

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Computer Science

Our students are creating the future

The Bachelor's and Master's programs are growing! We have about 625 undergraduate majors. We also have about 25 graduate students. The faculty is comprised of 7 lecturers, 6 tenured faculty, and 6 junior faculty members. We're in the process of hiring 2 tenure-track faculty members!

Growth

Quality

The Bachelors of Science program is accredited by the Computing Accreditation Commission of ABET

What Our Graduates Tell Us

Employers

- Local: App State, ECRS, Overmountain Studios
- Piedmont: Sara Lee, Sunrise, Inmar, Wells Fargo
- Charlotte: Lowe's, Premier, Duke Energy, Microsoft
- RTP: IBM, SAS, Red Hat, Fidelity, SECU, Cisco
- Nationally: Google, Amazon, Microsoft, Eastman, CGI, Apple

Sectors

- Banking, Finance, Healthcare, Transportation, Software Services, Web, Energy, Security, Avionics
- Graduate School (~10%): Clemson, NC State, Duke, Florida St, Wake Forest, UNCC, and others.

Job Titles

- Analyst, Programmer, Software Engineer, Developer, Network Admin, Database Admin, System Admin, Software Architect, many more…

Starting Salary: median ~ $77K (2023 graduate survey)

What You Will Learn

Software Design and Development

- Java, C, C++, Python, and more!
- Databases including MySQL and Hadoop
- Design Principles and Patterns

Theoretical Foundations

- Algorithm complexity
- Data Structures incl. trees and graphs
- Finite state machines

System Fundamentals

- Data representations
- Process execution including memory management, scheduling, system calls
- Microarchitecture including CPU, ALU, logic gates, buses, microcode