

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

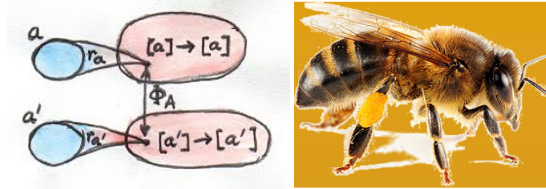
Research Assistant

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.

17 faculty research awards totaling more than \$8 million over the last 5 years.

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



Department of Computer Science

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Computer Science

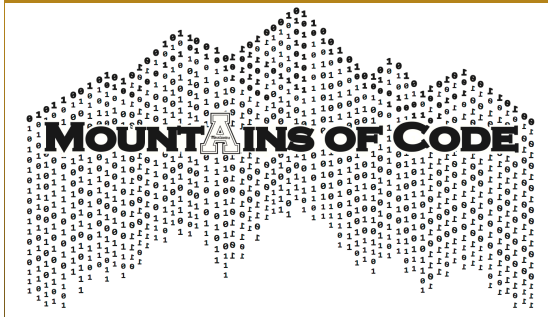
Our students are creating the future

Growth



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

A large computer lab with many students working at desks with computers. Two instructors are standing, one on the left and one on the right, observing the students.



What You Will Learn

- 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

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

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

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

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

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