Student Clubs
Appalachian Society for Computing, Informatics and Innovation
Women in Computer Science
Linux @ App
Video Game Development

Student Opportunity
Study Halls
Research Assistant
Internship
Instructional Assistant
Tutoring
Scholarships: ECRS, McKinney, S-STEM
University & Department Honors

Active Research
Engaged faculty researchers explore a diverse spectrum of the discipline, including honey bee colony collapse and disorders, mobile app development, innovations in education, programming language theory, NP-completeness proofs, data science, visualization, and more.
Faculty research awards totaling more than $4.7 million over last 10 years.

Department of Computer Science
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Computer Science
Our students are creating the future
Rising
The Bachelor’s and Master’s programs are growing! We have about 450 undergraduate majors, up 50% in 3 years. We also have about 25 graduate students which doubled in 3 years. The faculty is comprised of 3 lecturers, 8 tenured faculty, and 3 junior faculty members.

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 including 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

What Our Graduates Tell Us

**Employers**
- Local: AppState, ECRS, Overmountain Studios
- Piedmont: Sara Lee, Sunrise, Inmar, Wells Fargo
- Charlotte: Lowes, Premier, Duke Energy, Microsoft
- RTP: IBM, SAS, Red Hat, Fidelity, SECU
- Nationally: Google, Amazon, Microsoft, Eastman, CGI, Apple

**Sectors**
- 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**: average of $55-65K, max of $120K