

Computer Science

DIVISION OF
COMPUTER
SCIENCE

PROGRAMS OF STUDY:

- B.A. in Computer Science
- Minor in Computer Science
- Minor in Analytics

EXTERNAL RELATIONSHIPS

- Amazon
- Blount County Courthouse
- Blount Memorial Hospital
- Clayton Homes
- DENSO Manufacturing
- HGTV
- Knoxville Utility Board (KUB)
- LDA Engineering
- National Safe Skies Alliance
- Oak Ridge National Laboratory (ORNL)
- Pilot Flying J
- Teledyne Brown Engineering
- U.S. Census Bureau

GRADUATE SCHOOL PLACEMENTS

- Appalachian State University
- Clemson University
- Florida State University
- Georgia Tech
- Miami (of Ohio) University
- North Carolina State University
- Texas Southern University
- University of Nebraska
- University of North Carolina, Chapel Hill
- University of Tennessee, Knoxville
- Vanderbilt University



MARYVILLE
COLLEGE
IN THE GREAT SMOKY MOUNTAINS

Why study Computer Science at Maryville College?

Computing drives innovation in the sciences, ranging from medical research to climate change modelling to military applications and everything in between. It's a discipline that touches almost everything we do. The Computer Science major develops foundational problem-solving skills that lead to success in a wide range of disciplines. In Maryville College classrooms, Computer Science majors learn to use mathematical and computational thinking to solve real-world problems by combining proficiency in programming with an understanding of systems and algorithms.

Outside the classroom, students can extend their expertise by joining clubs like MC3D, where 3D printing is explored, and the Computer Programming Team that prepares students to compete against their peers at other institutions. Diverse opportunities await our students – we welcome you to begin your path with us!

MEET A CURRENT SCOT



Chance Loveday

Hometown: Sevierville, Tennessee

Chance, a McGill Scholar, Scots Science Scholar and leader of the MC3D Club, chose Computer Science as his major because of his passion for learning and helping others. "I look forward to joining the effort to learn about the plethora of unknowns left to discover about technology, artificial intelligence and applications that make our lives easier and make a difference in our community," he said.

Chance completed a Science Undergraduate Laboratory Internship (SULI) at Oak Ridge National Laboratory in 2023 and returned to the lab in 2024 as an intern in the Advanced Computing for Life Sciences Division, where he trained an AI transformer on medical imaging data. He plans to earn a master's degree in data science after MC.

MEET A RECENT GRAD



Nathan Keough '24

Currently: Software Engineer at Oak Ridge National Laboratory, Oak Ridge, Tennessee

Nathan, motivated to study computer science at MC, joined the Scots Science Scholars whom engage in faculty-led projects and connect with like-minded peers. During his sophomore year, he was accepted into a cooperative education program with the Department of Defense in Maryland, gaining experience on projects related to national security. Now at ORNL, his research focuses on key technologies such as cybersecurity, artificial intelligence, and product development to further national security.

"Long term, I aspire to build software products that are deployed to solve real-world problems, lead my own projects, and contribute to the advancement of bleeding-edge science and technology for the United States Department of Energy," he said.

FOR MORE INFORMATION:

visit maryvillecollege.edu/computerscience or call 865.981.8092