

ELLIE S. PADGETT

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SUMMARY

Highly motivated senior with excellent communication and organizational skills. Proficient in Python, MATLAB, and Java. Enthusiastic about learning from others, applying mathematical modeling, and engaging in opportunities to contribute to collaborative research projects.

EDUCATION

North Carolina State University

Raleigh, NC

Current Student, B.S. in Applied Mathematics (GPA: 3.8)

Graduating May 2026

- Member of the Math Honors Program (starting Fall 2024)
- Pursuing minors in Science Communication and Computer Programming
- Member of Students for the Exploration and Development of Space (SEDS) club
- Relevant coursework: linear algebra, ordinary and partial differential equations, math analysis

SKILLS AND CERTIFICATIONS

- **Programming Proficiency:** Java, MATLAB, Python, HTML/CSS
- **Data Analytics & Visualization:** clustering, principal component analysis
- **Non-Degree Certifications:**
 - NOLS Wilderness First Responder (WFR), Epinephrine Auto-Injector, and CPR (Exp. May 2026)
 - ARC Lifeguarding with CPR/AED and First Aid (Exp. Apr. 2026)

WORK EXPERIENCE

North Carolina State University

Raleigh, NC

Computer Science Undergraduate Teaching Aide (UTA)

Jan. 2024 - present

- Co-teach 3-hour programming labs and host additional office hours once per week
- Design, test, and grade weekly coding and debugging programs for students
- Experience with assisting students in entry-level courses for programming languages/software including Python, MATLAB, Snap!, and Java

Camp Green Cove

Tuxedo, NC

Mountaineering Staff and Cabin Counselor (Seasonal position, May-Aug.)

2023 - present

- Plan, coordinate, and lead camp programs for children
- Ensure the emotional and physical safety of all campers
- Clean and maintain camp property, equipment, and other resources

Landmark Learning

Sylva, NC

Logistics Assistant and Social Media Operator

Mar. 2022 - May 2024

- Assist Program Coordinator with gear inventory, paperwork, and maintaining a 40-acre facility
- Provide communications service to Landmark Learning and NOLS students
- Manage student and course databases with Landmark Learning and NOLS

Southwestern Community College

Sylva, NC

CRLA Level 2 Tutor

Aug. 2021 - May 2023

- Tutor community college students by appointment in mathematics, biology, English writing, chemistry, and intermediate Spanish
- Host drop-in tutoring opportunities for students in the Learning Assistance Center at SCC