

# Oliver Maynard

oamaynar@ncsu.edu | (704) 604-2661 | linkedin.com/in/oamaynard/

## EDUCATION

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### B.S. in Nuclear Engineering

North Carolina State University, Raleigh NC

Minors in Computer Programming and Mathematics

expected May 2027

GPA: 4.0/4.0

## RELEVANT COURSEWORK

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**MA401:** Partial Differential Equations

**ST311:** Introduction to Statistics

**CSC226:** Discrete Mathematics for CS

**CSC216:** Software Development Fundamentals

**PY208:** Physics for Engineers & Scientists II

**NE201:** Introduction to Nuclear Engineering

## TECHNICAL SKILLS

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**Languages:** Java, MATLAB, Python, HTML, CSS

**Software & Tools:** Eclipse IDE, JUnit, GitHub, Jenkins, Fusion 360, Simulink, Google Workspace

**Code Quality & Testing:** SpotBugs, Checkstyle, PMD, ECL Emma

## EXPERIENCE

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### Artificial Intelligence for the Simulation of Advanced Nuclear Systems Group

Undergraduate Member

Raleigh, NC

September 2024 - Present

- Developing foundational skills in scientific machine learning (SciML) and related tools

### Calculus I & II Tutor

Independent Tutor

Charlotte, NC

August 2022 - May 2023

- Instructed calculus I & II concepts, including basic derivatives, integrals, series/expansions, and approximations

## EXTRACURRICULAR INVOLVEMENT

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### American Nuclear Society - North Carolina State University Student Chapter

Treasurer

Raleigh, NC

April 2024 - Present

- Managed appropriations applications for 2024-2025 cycle, successfully securing funds for future events while ensuring adherence to all university and club regulations
- Verifying accurate filing of chapter finances and tax records

Member

August 2023 - April 2024

### National Association of Engineering Student Councils

North Atlantic Regional Finance Coordinator

Remote

April 2024 - Present

- Developing a robust company database to be used in current and future sponsorship campaigns
- Reaching out to potential sponsors, encouraging them to partner with NAESC

### North Carolina State University Engineers' Council

Member

Raleigh, NC

August 2023 - Present

- Preparing academic and professional development events for undergraduate engineering students

## HONORS AND AWARDS

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Duke Energy Nuclear Engineering Scholarship

2024

NCSU Dean's List

Fall 2023 - Spring 2024

NCSU University Honors Program

2024 - Present

AP Scholar with Distinction

2023