

AUDREY SCHMAL

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PERSONAL STATEMENT

Sophomore Nuclear Engineering student with a strong academic foundation and hands-on training in reactor operations, seeking to leverage skills gained through rigorous coursework to contribute to the nuclear energy sector.

EDUCATION

North Carolina State University

Raleigh, NC

Expected Graduation: 2028

GPA: 3.9

Relevant Courses: Nuclear Reactor Operations Training, Introduction to Nuclear Engineering, MATLAB

Zionsville Community High School

Zionsville, IN

Honors: *cum laude* GPA: 4.2

Quantum Mechanics Club President & Founder

EXPERIENCE

PULSTAR Reactor Operator Trainee

PULSTAR Reactor, North Carolina State University, Raleigh, NC

August 2024-Present

- Selected for a highly competitive training program
- Performed Power Manipulations and Control Rod Calibration
- Removed and Inserted REP Baskets and Pneumatic Samples
- Gained hands-on understanding of reactor systems and instrumentation
- Analyzed reactor specifications, manuals, and applicable regulatory documentation
- Granted a dosimeter by EH&S after completing radiation safety and laboratory training

Awarded Student Sponsorship for the U.S. Women in Nuclear Conference

Beyond the Core: Expanding Our Horizons in Nuclear, New Orleans, LA

July 2025

Kappa Alpha Theta Active Member

Kappa Alpha Theta, Theta Theta, North Carolina State University, Raleigh, NC

October 2024-Present

Guest Advocate

Target, Raleigh, NC

May 2025-June 2025

Waitress

The Village Draft House, Raleigh NC

May 2025-June 2025

Cashier

The Fresh Market, Nags Head, NC

May 2024-July 2024

Game Master

OB-Xscape Rooms, Southern Shores, NC

May 2023-July 2023
