

Ipsi Vasipalli

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Education

North Carolina State University | Raleigh, NC
Nuclear Engineering (B.S)

August 2025 - May 2029

Experience

North Carolina State University, Undergraduate Research Member January 2026 - Present

- Artificial Intelligence for the Simulation of Advanced Nuclear Systems Group
- Developing foundational skills in scientific machine learning and uncertainty quantification to advance the predictive capabilities of computer models in nuclear applications

RideWith, Marketing and Regional Launch Intern October 2023 - January 2024

- Managed app launch in North Carolina through connecting to universities and analyzing transportation data through Uber/Lyft
- Created Instagram and TikTok content for start-up company

Reach N Teach, Tutor and Social Media Manager July 2024 - December 2024

- Tutored refugee children in English and Math across elementary ages
- Designed logo and created social media content across platforms

StandOut Connect (University of Chicago), Student Intern August 2023 - December 2023

- Participated in weekly workshops with alumni from schools such as, University of Chicago, Harvard, and Stanford
- Learned how to incorporate essential modern technologies, collaborated with students, prepared for company recruitment, and aided high school students in acquiring internships

Green Hope International Thespian Honor Society, Technician/Head Designer

January. 2022 - June 2025

- Led in raising over \$20,000 for our program and managed over 500 students
- Taught students how to run ETC Element light board and the Yamaha TF5 sound board
- Won 20+ Statewide Awards including #1 Distinguished Program in North Carolina

On-Campus Involvement

Tri-Towers Inter-Residential Council | *President*

September 2025 - Present

High-Power Rocketry Club | *Member*

August 2025 - Present

American Nuclear Society | *Member*

August 2025 - Present

Skills

Coding Languages: MatLab, Python

Languages: English, Telugu (Native), Hindi (Conversational), French (Conversational)