Sal Pentland

Raleigh, NC | smpentla@ncsu.edu

EDUCATION

North Carolina State University, Raleigh, NC August 2024 - Present, *B.S. Mechanical Engineering, Minor Computer Programming (expected graduation May 2028)*

Relevant Coursework Engineering Thermodynamics, Heat Transfer, Mechanical Properties of Structural Materials, Differential Equations, Software Development Fundamentals

TECHNICAL SKILLS

Programming: MATLAB, Java, C, minor proficiency in: Assembly, HTML, PHP, C++, C#, Python

Engineering Design: SolidWorks, Fusion360

Version Control: GitHub

WORK EXPERIENCE

Blue Ridge Power, Asheville, NC Jun 2023 - Aug 2023 *Sustainability Intern*

- Worked on various sustainability marketing projects related to benchmark goals within the company ● Calculated carbon footprint of solar panel installations for projects ● Collaborated with coworkers on companywide study of workplace inefficiency

Grove Park Inn, Asheville, NC Aug 2023 - Present *Banquet Server*

- High intensity, fast-paced environment ● Large amounts of collaboration between coworkers ● Customer service interactions on the job

MEMBERSHIPS / AFFILIATIONS

NCSU University Honors Program Aug 2024