

GABRIEL RICCIO

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WORK EXPERIENCE

KIMLEY-HORN AND ASSOCIATES, INC. (Engineering Planning and Design Consultants)

Virginia Beach, VA

Electrical Intern

Apr 2025 – Present

- Designed power distribution systems for low voltage sites
- Modeled and implemented energy efficient lighting plans
- Coordinated shared project responsibilities to ensure timeliness and quality

NORTH CAROLINA STATE UNIVERSITY (Energy Management Division)

Raleigh, NC

Energy Management Intern

Sept 2025 - Present

- Analyzed building plans to determine energy saving opportunities
- Researched sustainable lighting and HVAC alternatives
- Developed internal spreadsheets for evaluating future sustainability projects

CINEMA CAFE EDINBURGH (Movie Theater and Restaurant)

Chesapeake, VA

Server/Trainer

May 2024 - Jan 2026

- Oversaw quality service of 100+ customers simultaneously
- Managed serving, cleaning duties, and kitchen responsibilities
- Ensured thorough training of new hires

EDUCATION

NORTH CAROLINA STATE UNIVERSITY

Raleigh, NC

Bachelor of Science*

Expected Dec 2026

Majors in Electrical and Computer Engineering, Concentration in Renewable Electric Energy Systems

Cumulative GPA: 3.91/4.0; Dean's List 2023-2026

Relevant Coursework: Electric Motor Drives, Principles of Electro-mechanical Energy Conversion

VIRGINIA PENINSULA COMMUNITY COLLEGE

Hampton, VA

Dual Enrollment Program with NASA Langley

Dec 2021 - June 2022

PROJECTS

STRATOSPHERIC PAYLOAD REEL DOWN (Senior Design Project Manager)

May 2026

- Facilitated thorough design and documentation and communicated process with project sponsor

NORFOLK INT AIRPORT LIGHTING Plan (Kimley-Horn)

Aug 2025

- Conceptualized full lighting plans and arranged the review process

EMBEDDED SYSTEMS RC CAR (ECE 306 Project Class)

Apr 2025

- Designed and implemented an autonomously navigated RC car with IOT connectivity

SKILLS & CERTIFICATIONS

AutoCAD 2024 Essential Training: Autodesk Civil 3D training at Kimley-Horn

Time Management: Proficiency in prioritized multitasking in high pace environments

Communication: Clearly facilitates across roles to concisely ensure accurate communication

Public Speaking: Numerous public speaking engagements on self authored research

ADDITIONAL

Volunteering: Over a decade of consistent volunteering as an eagle scout

Extracurriculars: NC State Marching Band, AquaPack Robotics, Guitar

Awards: Eagle Scout, Powers Manufacturing Scholarship, First Year Engineering Design Day Finalist