Erica Engineer, E.I.T.

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SUMMARY OF QUALIFICATIONS

- Experienced in designing solutions that require integration of environmental and human health constraints compatible with economic growth and sustainable development
- Skilled in a variety of modeling and drafting software, including AutoCAD and ALGOR
- Efficient at utilizing project management and teamwork skills to promote overarching goals

EDUCATION

University of Georgia Athens, GA
Bachelor of Science, Environmental Engineering May 2024

Bachelor of Science, Environmental Engineering
Engineer in Training (E.I.T.), State of Georgia, 2022

Passed Fundamentals of Engineering Exam, 2022

Cumulative GPA: 3.75/4.00

RELEVANT COURSEWORK

Engineering Hydrology and Hydraulics | Sustainable Building Design | Energy and Environmental Policy Analysis | GIS for Urban Engineering, Planning, and Development | Environmental Justice: Evidence and Impact

TECHNICAL SKILLS

Modeling Programs: ALGOR, eQUEST, and EneryPro (LEED project with a VRF system)

Drafting Software: AutoCAD, AutoCAD LT

RELEVANT PROJECT EXPERIENCE

Group Project, Environmental Engineering Design Methodology

January 2023 - March 2023

- Joined a 5-person team tasked with developing an action plan for addressing societal, environmental, regulatory, and economic constraints related to a local wastewater project
- Researched client needs and developed a layout to suit functionality requirements
- Led project by organizing meetings, tracking progress, and facilitating discussion

RELEVANT WORK EXPERIENCE

ABC Pollution Control Miami, FL

Environmental Engineering Intern

June 2022 - August 2022

- Assisted with inspection of sites and performed detailed monitoring of industrial pollution control measures based on the state and local regulations
- Served on a committee for designing and implementing a new wastewater treatment system
- Collaborated with a team of 3 to provide onsite environmental investigation of projects

Golob & Legion Engineers

Athens, GA

Intern

May 2021 - August 2021

- Researched building code items, materials, and plans for 2 commercial projects in Atlanta
- Assisted engineering and design teams in decision making process for ADA compliance
- Collaborated with a team of 7 on identification of locations to install groundwater dams

MEMBERSHIPS AND ASSOCIATIONS

The National Association of Environmental Professionals | Athens, GA

January 2022 – Present

• Participate in webinars related to emerging trends in environmental engineering

The Society of Environmental Engineers, UGA | Athens, GA

August 2021 - Present

Attend weekly meetings to focus on strengthening skill sets and developing as a professional

INVOLVEMENT EXPERIENCE

UGA Tennis Team, Co-Captain | Athens, GA

August 2020 - May 2023

• Provided leadership related to team motivation, encouragement, and success

Sigma Pi Kappa, UGA | Athens, GA

December 2021 - December 2022

• Obtained membership for the International Honor Society