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 Cumulative GPA: 3.75/4.00

Engineer in Training (E.I.T.), State of Georgia, 2022

Passed Fundamentals of Engineering Exam, 2022

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