

Sonya Lloyd

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OBJECTIVE

- Innovative, goal-oriented and passionate young professional seeking to improve the functionality of our society and the world by creating affective tools using key principles of biological engineering, physics and mechanical/material science. Aiming to gain valuable real-life experience and insight through a career in engineering, consulting, research and development, business, and/or design.

EDUCATION

University of Georgia – Athens, GA – May 2024

Bachelor of Science in Biological Engineering

Cumulative GPA: 3.55/4.00

Scholarships: Zell Miller Scholarship

RELEVANT EXPERIENCE

Siemens Digital Industries

Summer 2024

Technical Marketing Leadership Development Program – Alpharetta, GA

- Worked as a member of the PA Growth Marketing team. Developed a ROMI calculator, an automated lead scoring workflow, and an automated intent signal workflow for lead generation using KNIME and Excel.
- Accumulated over 50 learning hours on topics covering Excel, marketing, finance, statistics, and accounting.

Siemens Digital Industries

Summer 2023

Technical Marketing Leadership Development Program – Alpharetta, GA

- Worked as a member of the Motion Control Intralogistics team. Developed internal competitor analysis presentations and documentation as well as technical research programs for developing the growing team.
- The vertical doubled in size during this time. Attended customer visits and accumulated over 40 hours of learning modules.

UGA Fabrication Lab and Machine Shop

2021 – 2023

Lab Technician – Athens, GA

- Maintained the University of Georgia's fabrication lab and machine shop while providing a wide variety of support to engineering students, teachers, and/or board members.
- Instructed and certified roughly 10 students a week on specific machines such as mills, lathes, and the waterjet while keeping an ordered system of tracking tools and fulfilling special orders for research equipment.

IVICSA Ingenieros Consultores

Summer 2022

Biological Engineering Intern – Valencia, Spain

- Assisted with inspection of sites and performed detailed monitoring of state and local regulations in design plans.
- Worked on developing bids for Solar and wind farms, water-treatment plants, and large-scale ports.
- Collaborated with a team of 8 engineers to provide in-depth analysis of overall engineering projects.
- Gained experiences in energy, the integral water cycle, urban planning, building and the environment, and with a wide variety of projects carried out in the national and international geography.

MEMBERSHIPS AND ASSOCIATIONS

Theta Tau Professional Engineering Fraternity – Athens, GA

December 2022 – Present

Deep South Motorcycle Club – Athens, GA

October 2019 – Present

TECHNICAL PROFICIENCIES

Programs: Inventor, Fusion 360, MATLAB, SQL, KNIME, Microsoft applications (Word, Excel, PowerPoint, etc.)

Other Skills: Time management, Communication, CNC ShopBot, Laser Jet, Water jet, 3D Printing, TIG Welding

Extras: Pro-circuit motorcycle racer, Three Dog Night Rescue volunteer, Woodcrafter