Samuel Witte

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JOB OBJECTIVE

A job that will help expand my knowledge of electrical engineering and allow me to demonstrate problem solving and team-working skills, collaborating with others on work that I'm passionate for.

EDUCATION

UNIVERSITY OF IOWA - Iowa City, IA

BSE Electrical Engineering

- Interest in Semiconductors and Circuit Design
- Anticipated Graduation May 2024

SKILLS

Python • Fusion 360 • GitHub • Beginner KiCAD/Eagle Experience • SMD & Through-hole Soldering • Beginner Revit and AutoCAD Experience • Visual Lighting • Excel/Microsoft Suite • Slack/Teams

PROJECTS

PERSONAL PROJECTS

- Cryptocurrency Counter - Makes real-time estimates on cryptocurrency balance utilizing Python, APIs, and a Raspberry Pi
- Custom Mechanical Keyboard - Custom PCB designed with KiCAD, plate and case created with Fusion 360. Managed a BOM and sourcing manufacturing
- Model Rocket Mounts - Custom engine mounts for model rockets designed with Fusion 360
- Personal Website - Website with portfolio of project summaries, images, and descriptions of each project

RELEVANT STUDENT ORGANIZATIONS

- AIAA University of Iowa Chapter, Executive Assistant and General Member

RELEVANT EDUCATION

- Electrical Circuits
- Physics I (Mechanics and Waves) & Physics II (Electricity and Magnetism)
- Differential Equations, Single and Multi-variable Calculus

EXPERIENCE

SSC ENGINEERING | Dec 2021 - Jan 2022
Chesterfield, MO

- Collaborated with team members to solve problems and develop solutions on real-world projects
- Modified and QC-checked electrical schedules and electrical and lighting layouts

LOWE'S | May 2021 - Aug 2021

- Retail Sales Associate

NOTABLE ACHIEVEMENTS

2019 - 2020 | High Brass Section Leader in Marching Band
2017 - 2019 | Silver Rating or Higher at MSHSAA State Solo and Small Ensemble

INTERESTS

Building and Fixing PCs • Model Rocketry • Hobby Electronics • 3D Printing • Autocross • Video Games • Gardening