

# Samuel Witte

222 Wynnbrooke Circle Dr., Fenton, MO, 63026  
sam@samwitte.com | (314) 608-1334 | Personal Site: [www.samwitte.com](http://www.samwitte.com)

---

## 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 • 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, General and Executive Member

## RELEVANT EDUCATION

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

## WORK EXPERIENCE

### RETAIL | ST. LOUIS, MO

#### Lowe's

- May 2021 - Aug 2021
- Hardware Sales Associate

#### At Home

- Nov 2020 - Jan 2021
- 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