

Rex H. Mitchell

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Professional Summary

Software engineer excelling at providing high quality solutions with minimal supervision. Experienced mechanical engineer transitioning to a career in software engineering. Skilled in Python, Django, AWS, and Linux. Passionate about process improvement. Looking for a full time software engineering position.

Skills

- One year experience with Python, Django, AWS, Bootstrap, HTML, CSS, Linux command line, Ubuntu

Projects

- **Portfolio Website:** Designed and deployed my portfolio website using Python, Django, AWS, and Bootstrap. Utilized a Postgres database to serve content. Built the front end using HTML5 and styled it using CSS3.
- **Database:** Designed and deployed an electrical component database management system. Built a website using Django that formats, and stores electrical component data for engineering cable design.
- **Hope Medical Website:** Built and deployed a website for Hope Medical Clinic. Used Django for the back end and deployed using AWS on Ubuntu.

Experience

ELECTRICAL DESIGN ENGINEER | DYNETICS | JULY 2019 - PRESENT

- Developed an automated cabling design process using CREO Parametric/Schematics/Windchill
- Drafts and revises electrical wiring schematics to meet government and industry standards
- Expert at tracking and manipulating design data through multiple software packages
- Provides support to electrical, mechanical, and TDP design groups across multiple projects
- Trained multiple people in CREO Parametric/Schematics
- **Active Secret Clearance**

ELECTRICAL DESIGN ENGINEER | BUTLER AEROSPACE | MAY 2017 - JULY 2019

- Praised by customers and colleagues for providing time efficient and effective solutions to problems
- Interpreted and drafted electrical wire routing, installation, and equipment drawings using various CAD software packages and online databases.
- Excellent written/verbal communication skills, taught new hires and composed work reference documents.
- Provided onsite support for wiring installation in Blackhawks

Education

UNIVERSITY OF ALABAMA IN HUNTSVILLE

BS MECHANICAL ENGINEERING | SUMMER 2016 GPA 3.5