

# Rex Mitchell

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Website: [rexhmitchell.com](http://rexhmitchell.com) | GitHub: [RHAM231](https://github.com/RHAM231)

## Software Engineer

- 2+ years experience providing high quality software solutions with minimal oversight
- Experienced mechanical engineer (4+ years) transitioning to a career in remote web development
- Excelling at self direction in a remote environment and learning new technologies rapidly
- Experience taking the back end and front end of products from development to production
- Experience writing unit and integration tests for development and production environments

## Skills

- Back End: Python, Django, Django REST, AWS, Linux, Ubuntu, Apache, PostgreSQL, Selenium
- Front End: Bootstrap, HTML, CSS, SASS, JavaScript, AJAX

## Projects

- **Portfolio Website** | [rexhmitchell.com](http://rexhmitchell.com): Designed and deployed my website using Python, Django, AWS, Apache, and PostgreSQL. Built the front end using Bootstrap, CSS, and HTML.
- **Django Issue Tracker** | [djangoissue tracker.com](http://djangoissue tracker.com): Built and deployed a web application integrated with a third party API. Used Django REST to consume API data. Used Bootstrap, SASS, JavaScript, and AJAX.

## Experience

### Software Engineer | Hope Medical | August 2020 – Present

- [hopemedicalwa.com](http://hopemedicalwa.com): built and deployed a website on Ubuntu using Django, AWS, Apache, and JavaScript
- Increased clinic and online visitors 100% by providing an updated look and mobile friendly experience
- Maintains all aspects of the site, including code updates, server maintenance, and testing

### Mechanical Engineer | Dynetics, Inc. | July 2019 – Present

- Built a small-scale database management system for electrical part data using Django
- Site features: release process, automated backups, test suite, user system, automated data table creation
- Drafts and revises electrical and mechanical drawings to meet government and industry standards
- Routes electrical cabling and maintains related drawings for the Hypersonics program
- **Active Security Clearance since 2019**

### Electrical Engineer | Butler Aerospace | May 2017 – July 2019

- Praised by customers and colleagues for providing time efficient and effective solutions to problems
- Drafted electrical wire routing, installation, and equipment drawings using CAD software
- Provided onsite support for wiring installation in Black Hawks

## Education

University of Alabama in Huntsville: BS Mechanical Engineering | Summer 2016