

Donnell Muse

Software Engineer

📍 Oakland, CA

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</> Skills

Languages

Python

Java

JavaScript

Web/Frameworks

HTML/HTML 5

CSS/SCSS

Django/Flask

Databases

MySQL

PostgreSQL

MongoDB

📁 Experience

2019–
Present

Software Engineer

Pivot Bio, Berkeley, CA

Responsibilities includes:

- ▶ Designed and implemented our REST API and API Client using Django REST
- ▶ Maintained, upgradeed, and improved internal website used for data processing for our Django ORM
- ▶ Improved test coverage through unit and integration testing

Python Django PostgreSQL Javascript Git REST API AWS Ansible

2018–2019

Full-Stack Developer

HomeBase, Center for Common Concerns, San Francisco, CA

Responsibilities includes:

- ▶ Provided development, maintenance and support of HomeBase web applications
- ▶ Maintain, upgrade and, improve HB website and other communication platforms
- ▶ Assist project manager in the execution of the management plan for assigned project

JavaScript MySQL HTML/HTML5 CSS jQuery

2017

Undergraduate Researcher

University of Maryland, Baltimore County (UMBC), Baltimore, MD

NSF funded research project examining numerical methods in malware analysis to classify malware data; work done will contribute to an academic publication. Developed using python with a specialization in documentation, data representation and data visualization

Python NumPy TensorFlow JSON Data Visualization Data Classification Version Control

2015

Student Developer

Next Century Corporation, Columbia, MD

Worked with Next Century in partnership with UMBC's Programming Languages course (CMSC 331) to rebuild the outdated student advising process for 200+ students moving to a web app from paper and bulletin boards. Developed using HTML, CSS, PHP with MySQL database

HTML CSS PHP MySQL MariaDB

🎓 Education

2013–2017

University of Maryland, Baltimore County (UMBC) Baltimore, MD

Bachelor of Science, Computer Science

Scholarships: NSA Scholar/Meyerhoff Affiliate (2013 – 2016)

Affiliations: National Society of Black Engineers (NSBE) (2015 – 2017)