

Donnell Muse

Software Engineer

📍 Oakland, CA

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</> Skills

Languages

Python
Java

Web/Frameworks

Django
Javascript

Databases

PostgreSQL
MySQL

CI/CD

AWS
Ansible

📁 Experience

04/2019–
Present

Software Engineer

Pivot Bio, Berkeley, CA

Responsibilities includes:

- ▶ Developed and maintained Data Warehouse ETL tools in python for data ingestion and data analysis
- ▶ Built an internal RESTful API using Django Rest and API tools and applications
- ▶ Maintained CI/CD pipeline and deployment on AWS servers using Ansible
- ▶ Led and collaborated various projects with data and lab scientist to develop tools to best serve their needs

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 used by external clients
- ▶ Maintain, upgrade and, improve Homebase website and other communication platforms

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Worked with Next Century in partnership with UMBC's Programming Languages course (CMSC 331) to rebuild the outdated student advising process for 200+ students moving to a web app from paper and bulletin boards

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)