Omodayo Origunwa

ENGINEER

Personal Information

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Medford, MA, USA

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https://www.linkedin.com/in/dayoorigunwa

Relocation
Yes, after September 2022

Programming Languages

Python, R, SQL, JavaScript, BASH, C, Axon

Tech Stacks

Full Stack Web Development
    PostgreSQL, NodeJS, JavaScript, Nginx, AWS, Typescript, React
Backend Web Development
    AWS, Django, PostgreSQL, Nginx

Additional Skills

Linux & Windows CLI
Agile Software Development (Scrum)
Github & Git Version Control
Electrical Testing & Assembly
    (EE equipment, soldering, etc.)
Machine Shop Certified
Spanish

An inquisitive problem-solver interested in combining sustainable development and efficient design to positively impact the communities and environments that support me.

Experience

Software Engineer
Jellyfish | 05/2021 - 05/2022
- Worked on a cross-functional team to maintain and improve upon existing application features and performance. My primary focus was on the backend/middleware of the application, building upon, running, and monitoring our Data Pipelines.
- Developed internal tooling to support other developers and departments. For example, a reporting tool to identify and rank bottlenecks in the existing Data Ingest process to support application scalability.
- Extended Internal API Interface to support Data Ingest for new Data Sources with legacy software versions.

Software Engineer
enVerid Systems | 10/2019 - 12/2020
- Customer/Employee Web App: Developed Graphing & Data Tools for operational data export, analysis, and visualization. (PSQL, Nginx, NodeJS, Javascript & VueJS)
- Operational Database Management: AWS ec2 ft. multiple PostgreSQL db's.
- Automated Equipment Performance Reporting Tool with PSQL db's, Python-Pandas Engine, and SMTP notification service.
- Documenting and Integrating existing company technologies into cohesive cross-functional applications, (FROM Dropbox & Excel TO Bitrix & Confluence).

Energy Analyst
GreenerU | 08/2018 - 10/2019
- Edge Computing Design & Configuration: Utilized Dell Edge & to provide secure network services.
- SkySpark Building Analytics: Identified opportunities for both operating cost reduction and infrastructure improvements through optimized building performance.
- Software Engineer: Leveraged public utility API's to Extract, Transform, and Load relevant energy cost data for customers.

Education

Master of Science in Data Analytics
Northeastern University | GPA: 3.5 | 09/2019 - 05/2021
- Gordon Institute of Engineering Leadership Fellow
- Defended thesis project on Operational Control & Commissioning.
- Relevant coursework: Operations Research, Data Mining, Database Design & Management, Data Visualization

Bachelor of Science in Engineering
Swarthmore College | 09/2014 - 05/2018
- Computer Science Minor
- Swarthmore Men's Varsity Soccer Team (4 years)
- Manager of Student Budgeting Committee
- Relevant coursework: Data Systems and Algorithms, BioInformatics, Electronic Circuit Applications, Mobile Robotics, Control Theory