Stefon Miller

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Education

University of Pittsburgh — Pittsburgh, PA
Bachelor of Arts in Computer Science — Expected: May 2022
Bachelor of Arts in Information Science — GPA: 3.78

Skills

Languages
Java, Python, PostgreSQL, MySQL, MongoDB, HTML, CSS, JavaScript, C, PHP

Frameworks
Angular, React, Node/Express, Mongoose, Hadoop, Tensorflow, JUnit, JCucumber, Selenium

Developer Tools / Miscellaneous
Git, Docker, Google Cloud Platform, Kubernetes, Salesforce

Coursework:
Data structures, Database Development and Design, Cloud Computing, Data Science, Data Engineering, Software QA, Website Development, Information Retrieval, Digital Security, Human Computer Interaction, Discrete Structures, Operating Systems, Assembly, Technical Writing, and Formal Methods

Experience

Senior Technical Consultant — Aug. 2020 – Present
University of Pittsburgh — Pittsburgh, PA

- Created advanced support documents for other consultants on Salesforce
- Developed style guide for knowledgebase documentation
- Assisted in updating training material for new hires
- Communicated with supervisors to improve productivity
- Participated in individual work imaging and deploying machines using SCCM

Web Development Intern — Sept. 2021 – Dec. 2021
CURVE Systems, LLC — Pittsburgh, PA

- Participated in full-stack web development using MEAN
- Wrote code communicating between front and back ends to create, read, update, and display data
- Implemented a secure password reset system from scratch

Projects

CamBot (Python, SQL, HTML) — Mar. 2020 – Sept. 2020

- Built a Discord chat bot that scrapes video game data from a wiki site and stores it in a database
- Data is automatically updated and can be queried via the Discord interface
- Implemented automatic notification system to both Discord and Twitter
- Used machine learning to predict future prices of items in the game's virtual economy

Inverted Index Creation (Java, Hadoop) — Nov. 2021 – Nov. 2021

- Wrote a Java application that communicates with a GCP Dataproc cluster to create an inverted index
- Developed and deployed MapReduce algorithms to the cloud to allow for querying of the inverted index
- Dockerized local Java application and included GCP authentication to allow for easy deployment