

Afolabi Ige

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Education

B.SC | MAY 2020 | LOUISIANA STATE UNIVERSITY

GPA: 3.98

- Double Major - Electrical Engineering and Computer Science

Work Experience

SOFTWARE DEVELOPMENT ENGINEER INTERN | AMAZON | JUNE – AUGUST 2019 | SEATTLE, WA

- Built metric dashboard from scratch in React with Elastic Search as a data store.
- Setup a data pipeline that used an internal wrapper on Elastic Map Reduce to aggregate billions of records and write to Kinesis FireHose which funneled into Elastic search.
- Used a Lambda which pulled from DynamoDB to write updated records to Elastic Search.

SOFTWARE OPERATIONS ANALYST | CHEVRON | MAY – AUGUST 2018 | SAN RAMON, CA

- Using Git, Jenkins and PowerShell, automated deployment process of packages to Dev, QA and Prod servers.
- 2nd place at the Chevron Bay Area IT Hackathon for building a web app in Outsystems.
- Using Jenkins and batch scripts, implemented and enhanced automated maintenance scripts for over 30+ servers.

STUDENT DEVELOPER | LSU | APRIL 2016 – MAY 2019 | BATON ROUGE, LA

- Using MYSQL, built and maintained various databases for several websites.
- Using HTML/CSS, built and maintained various websites for the physics department.
- Wrote PHP scripts to automatically populate various webpages from MYSQL databases.

Projects

C.H.I.C.K: CLIMATE HIGH-ALTITUDE INSTRUMENTAL COLLECTION KIT

Description: CHICK is a device that is designed to record external temperatures, air pressure, and humidity measurements as a function of altitude up to 100,000ft (30.48km).

- I assembled and tested the electronic circuits.
- I also wrote part of the PBASIC scripts that collected and recorded data from sensors.
- I developed the calibration for converting raw sensor data to useful information.

CRYPT DEFENDER

Description: It is an arcade-style first person shooter game, created in unity, which uses a trained model for detecting faces in OpenCV to track a user and allow them to control an onscreen character.

- I developed the C++ code in OpenCV to utilize a trained model to track faces in real time.
- I developed the configuration to connect OpenCV and unity.

Skills & Abilities

- Technical skills: C++, JavaScript, HTML/CSS, Batch scripting, MATLAB, PHP and MYSQL.
- Experience: React, Elastic Search, MATLAB, WordPress, Eagle, Jenkins, OpenCV.
- Others: Git, Unix, PowerShell, DOS, Scrum.

Leadership

DIRECTOR OF COMMUNICATIONS | AFRICAN STUDENT ORGANIZATION | MAY 2018 - PRESENT

- Organized and collaborated on a club fundraiser for club events.
- Introduced new initiatives which increased club attendance.
- Spearheaded club meetings and organized social events for the club.