JAVON DAVIS

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EDUCATION

Udacity June 2017 – April 2018
IOS Developer Nanodegree (Jul 2017), Deep Learning Nanodegree (Apr 2018), Self-Driving Car Nanodegree (Expected Dec 2018)

University of the West Indies, Mona (UWI) September 2013 – June 2016
B.Sc. Computer Science and Mathematics

WORK EXPERIENCE

Pluralsight Remote
Course Author October 2017 – Present
- Created a course demonstrating use of the Google Play Services API to natively implement Mobile Vision and Nearby Messaging in Android apps.
- Curating a course on mobile automation techniques with Appium, SeleniumGrid and Java.

QualityWorks Consulting Group Kingston, Jamaica
Test Automation Engineer June 2017 – Present
- Automate the UI/API Testing of large-scale Mobile and Web Applications using JavaScript, Python and Ruby Frameworks, Selenium and Appium;
- Built out load testing integration for NPM module qualitymeter.

CTRL-IT Kingston, Jamaica
Lead Software Developer February 2017 – May 2017
- Led a team of 4 Software Developers and 1 UX Designer;
- Designed and developed backend architecture for 2 programmatic marketing mobile apps for both Android and iOS.

Knightfox App Design Ltd Remote
Software Developer July 2016 – February 2017

- Redesigned a NoSQL database structure for an existing app which lessened read time from ~10s to ~3s;
- Implemented a feature in an existing IOS app to provide users with offline information using Swift's Core Data.

University of the West Indies, Mona Kingston, Jamaica
CS Teaching Assistant September 2016 – Present
- Held weekly tutorials for courses: Intro to Programming 1 and 2, Object Oriented Programming, Mobile Web Programming, Analysis of Algorithms and Theory of Computation;
- Supervised a 3-member development team for an Android companion app commissioned by the University.

PROJECTS

parallel_appium May 2018
A Ruby Gem for distributed cross-platform parallel testing for mobile applications
- Used multiple threads to spawn appium processes to connect to a single selenium grid instance and distribute tests evenly.

QGenPY 2016, 2017
Python package that uses a defined templating language to generate n number of questions,
- Designed templating language and built out core functionality for randomizing questions.

SKILLS

PROGRAMMING LANGUAGES

4 years: Java, Python
2 years: C/C++, Swift, JavaScript
1 year: Ruby, Objective-C, PHP

TECHNOLOGIES

Node, Express, MongoDB, REST, GraphQL, SPARQL, Android, iOS, AWS, Git, Google Cloud Platform, Drupal, Firebase, Selenium, Appium, Flask, Play Framework, MySQL, NoSQL

AWARDS

Dean's List Awardee, Commendation from UWI (2015, 2016)
Athletic Scholarship (Basketball) from UWI (2013-2016)
1st Place Team in the Local Agrihack ICT Initiative (2014)
1st Place Team ACM ICPC Jamaica (2014, 2015)

ONLINE COURSES

Algorithmic Toolbox, Data Structures, Graph Algorithms, Algorithms on Strings, Algorithms on Graphs (University of California, San Diego & Higher School of Economics)