Baynham Makusha

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Skills

Web Development
- Python, JavaScript (AngularJS, and JQuery), SQL, PHP, HTML and CSS

High-Level Programming Languages
- C++, Java (Android), Swift (iOS), Python, and C#

Miscellaneous Technologies
- Experience with FB SDK, Parse, XCode, Android Studio, GitHub, Gradle, Spring, Linux & Windows

Projects

Diffusion Mobile App   June 2015 – Present
- Currently developing a mobile application that will allow international students to connect with each other in their area based on common interests and hobbies
- This application is being developed in iOS and I am the sole designer, and developer for the project

Deception Records Website   Jan 2015 – Present
- Developed a website for the Deception Records label to expand their global reach on the web
- Designed and created the entire structure of the website using HTML, CSS, PHP and JQuery
- Currently revamping the website to allow e-commerce so the label can sell their branded products

PiDE   Jan 2014 – May 2014
- PiDE is a Python homegrown Integrated Development Environment that was developed to allow first-time programmers to have interactivity with their code. Beta version released in May 2014 (GitHub)
- Developed a debugger in python and acted as a developer in a 16 person team

Employment Experience

General Electric - Software Engineer   Sept 2015 – present
- Currently implementing a build process for the team's projects with Gradle to reduce build time by 75%
- Creating micro services with Spring framework to allow loosely coupled processes among GE products to permit data sharing between more than a half of the team's projects
- Develop ASP web reports in C# and JavaScript that allow customers to create production reports easier and faster

General Electric - Software Engineer in Test   Sept 2014 – Sept 2015
- Created autonomous unit testing structures for the application development process that reduced backlog intake by 20%
- Implemented automated functional testing across the entire team project to reduce manual testing

General Dynamics IT - Software Automation Tester Intern   June 2013 – June 2014
- Developed software changes and features in Java whilst shadowing for senior developers
- Created robust Automated and Regression tests that reduced testing time by 50%

Education

Udacity – iOS Developer Nanodegree   in progress

Towson University – Towson, MD
Bachelor of Science in Computer Science   Sept 2010 – May 2014
IEE Computer Scholar Award 2013, Dean's List (6 Semesters)
Graduated with GPA 3.53

Collegiate Honors

Golden Key International Honor Society
- Contributed as the Treasurer of the University Chapter and participated in accommodating new members

Tau Sigma Chapter of Towson University
- Participated in the annual "Clean-up Day(s)" for the University
- Donated and ran the toy donation division of Tau Sigma Chapter