SOMTOCHUKWU UZOEGWU

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Education

Pomona College, Claremont, CA   **May 2018**

Bachelor of Arts: Major in Computer Science

Relevant Coursework: Data Structures and Advanced Programming, Computability and Logic, Computing for the Web, Combinatorial Mathematics, Statistics, Linear Algebra, Computer Systems, Algorithms, Scalable Software Architecture, Programming Languages, Number Theory and Cryptography, Databases, User Interface/User Experience

COMPUTER SKILLS

Languages: Proficient in: Java, HTML, CSS, SML, JavaScript, SQL, PHP, Python, Scala, Terraform, git

　　　　　Experience in: R, Swift, C, Haskell, C++, C#, Packer

Software: Proficient in: AWS, Eclipse, Windows, Apple IOS, Android, Atom, Linux, Unix, Android Studio, GitHub

PROJECTS

American International Group (AIG) Enterprise Instance Scheduler

- Developed a global self-service, choose your own schedule, AWS EC2 and RDS instance scheduler using CloudWatch, Lambda, Tagging and SNS

AIG Cloud Enforcement

- Created event-driven Lambda scripts with CloudWatch Events, SNS, and DynamoDB to enforce compliance in AIG AWS Organization

AIG AMI Factory

- Implemented a shared AMI model using Lambda, Code Pipeline and AWS Config for customers to use to create AIG compliant AWS EC2 instances

AIG Cloud Reports

- Improved compliance reports through automation which reduced response time from days to minutes

AIG Jenkins Dashboard

- Led DevOps Engineers in the development of a Python supported Qlik Sense dashboard using RESTful APIs to display Jenkins build statistics and crucial information used by the leadership team

MIGRAlert

- Designed and implemented an Android/iOS app that enables users to alert their emergency contacts when in danger; won 5CHackton App for Social Good

RELEVANT EXPERIENCE

American International Group (AIG), Roanoke, TX   **July 2018 – Present**

Technology Analyst | Cloud Engineer

- Developed a global instance scheduler to schedule EC2 and RDS instances' run times across AIG Cloud Organization based on user entered time and time zone
- Automated compliance reports on AIG's AWS cloud accounts which saved 30 hours of labor a week and cleared audit reports
- Wrote AWS Lambda scripts to terminate unused instances, EBS volumes and snapshots to save AIG $300 a week
- Wrote Python scripts to delete old roles in AWS and update tags on EC2 instances to pass audit reports
- Automated creation of AWS accounts in AIG organization using Terraform

Pomona College Informational Technology Services, Claremont, CA   **January 2017 – July 2018**

Consultant

- Developed dynamic websites for professors to enhance student's learning through quizzes posted on the site
- Advised students and faculty on software they could use to fulfill their goals which increased the efficiency of full-time staff
- Created automated test scripts using Selenium to test the updated version of Sakai the Collaborative Learning site which the 5 Claremont colleges use to improve student and professor interaction and facilitate class discussions