Aniebiet (Anie) Jacob

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Skills

FRONTEND	BACKEND	SOURCE CONTROL	FRAMEWORKS
HTML | CSS |SASS | Javascript	C++ | Java | Python | SQL | REST	Git(Git Flow) | Github SCRUM/Agile | Jira/Bitbucket	AngularJS | BootStrap | React

Work Experience

Twitter, <u>Software Engineer 1, Traffic Team</u>　　　　　　　　　　　　　　2019 – Present

　　Worked on a project to improve latency in Images sent through Direct Message (DM). This project utilized Java and Scala, as well as involved creating/working with routing and latency algorithms. This also involved much experimentation. This project affected over *260 million user accounts.*

Intel Corp. , <u>Software Quality Engineer 1 & SSD Technical Engineer 1</u>　　　　2019

　　Developed application for Quality Engineering and Development team called Host Automation Tool. This tool helped automate firmware and application testing on SSD devices. This was written entirely in Python and impacted the entire Non-Volatile-Memory Solutions Group (NSG) of over 100,000 people.

Amazon, <u>Software Development Engineer 1</u>　　　　　　　　　　　　　　2018

　　Developed an automated program utilized in Amazon's customer account protection protocols. The program was written in Java and utilized Python and AWS for hosting purposes and helped prevent *millions of user accounts per month* from becoming breached/compromised.

Undergraduate Teaching Assistant (UMBC), <u>Head Teaching Assistant</u>　　Sept 2017 – May 2018

　　Developed a curriculum to teach C programming to a group of *40 students*. Lectured in several topics including syntax v.s. semantics, arrays, conditionals, loops, pointers, and recursion.

Imaging Research Center (UMBC), <u>Photogrammetry Programmer</u>　　Sept 2017 – Feb 2018

　　Updated the Photogrammetry rig site and to automate the photogrammetry rigs 3D model capturing process. Also upkept the photogrammetry rig. Javascript and python were used to code the updates.

High Performance Computing Laboratory (UMBC) <u>Software Researcher</u>　　June 2017 – Aug 2017

　　Implemented an algorithm that parallelized a fast image reconstruction system used to track photon beams in a chemotherapy patient. Impacts over *85 patients per day.* Written in of C++/ C and utilized MatLab for imaging. Research published in ___

Projects

Exploding Kittens Game *Utilized: C++, OOP*
Artificially Intelligent Navigator *Utilized: C++*
Maze Solver Algorithm *Utilized: CADD, C*
Connect 4 Game *Utilized: Python*

Programming Competitions

Target Hackathon　1st Place Winner 2018
UMBC ProveIt! $10,000 Grant Grand Prize Winner 2017

Education

University of Maryland, University College, B.S. Computer Science .