


EMMANUEL AMPONSAH

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EDUCATION

Boston University | Sept 2017 – May 2021

Bachelor's in Computer Science

- Clubs: OpenWeb, MakeBU(Treasurer), BostonHacks (Head of Logistics)



EXPERIENCE

Fidelity Investments | May 2018 – Aug 2018

Technical Intern, Software Engineer - Platforms Engineering Team

- Developed Python tools to improve tag enforcements on resources in the cloud by automating checks and terminating out of compliance resources
- Implemented monitoring tools in Python for Fidelity's cloud services to facilitate logging, and maintenance of resources

Boston University, CTSI | Sept 2017 – Now

Research Assistant, openSESAME Team - Bioinformatics

- Programmed algorithms in C and Python to identify and curate gene expression signatures from publicly available databases
- Improved annotation system by programming Python scripts to automate the process of checking for errors

iCode Inc. | Oct 2015 – Jun 2017

Senior Lab Mentor, Lead

- Taught and mentored iCode students about CS fundamentals through various lessons using Python, Java, JavaScript, HTML/CSS, Alice, and Scratch
- Piloted applications in Java and JavaScript for iCode's attendance system, utilizing the Salesforce API



SELECTED PROJECTS

- **Insight:** Developed a belt to help those with vision impediments navigate new terrains. Implemented algorithms for tracking changes in elevation and object detection using C++.
- **Grumble:** Building a blog engine in Go, that allows users to spin up blogs. Uses a built-in storage system also written in Go



AWARDS & SKILLS

- Java, C++, Python, Go, SQL
- Adobe XD, Android Studio, AWS, Git, JetBrains Suite, Jira, Linux, Mercurial, MongoDB, MySQL Sketch
- 2nd Place - HackDFW (hackathon), 2nd Place - Collidaton (IoT Entrepreneur hackathon)