Emmanuel Amponsah

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EDUCATION

BOSTON UNIVERSITY
BA in Computer Science
Expected May 2021 | Boston, MA
Clubs: BostonHacks (Head of Logistics) · MakeBU (Treasurer)
OpenWeb (Member)

LINKS

Github:// **emampons**
LinkedIn:// **emampons**

SKILLS

PROGRAMMING
Proficient
Java • Python • C++ • SQL
Intermediate:
Go • C • HTML • CSS • Javascript
TOOLS
Adobe XD • AWS • Git • Jetbrains Suite
Jira • Jenkins • Linux • MongoDB
MySQL

AWARDS

Cohen Scholar (BU)
1st Rose Hulman Autonomous Car Competition
2nd HackDFW (Hackathon)
2nd Collidge Village (Entrepreneurship Hackathon)

EXPERIENCE

FIDELITY INVESTMENTS | Software Engineer Intern
May 2018 – Aug 2018 | Westlake, TX
- Developed Python tools to improve tag enforcement on resources in the cloud by automating checks and terminating out of compliance resources
- Implemented a monitoring suite in Python for Fidelity's cloud services to facilitate logging, and maintenance of resources cutting cloud costs by 20%
- Built a cloud evaluation tool using Angular and Javascript to assess application infrastructure for Fidelity's cloud, enabling faster migrations

ICODE INC. | Lead Senior Lab Mentor
Oct 2015 – Jun 2017 | Frisco, TX
- 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

RESEARCH

INNOVATEBU | Principal Researcher, Untitled Research
Jun 2018 – Pres | Boston, MA
- Purpose of this project is understanding the minority (Women and African American) experience in the Boston tech start up scene
- Currently looking at initiatives that the city of Boston is either running or funding and the initiatives individual organizations are providing in Boston with the goal understanding how these initiatives are impacting minority entrepreneurs

BOSTON UNIVERSITY, CTSI | Research Assistant
Sep 2017 – Aug 2018 | Boston, MA
- 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

SELECTED PROJECTS

GRUMBLE | Golang
Jun 2018 – Pres
Building a blog engine in Go, that allows users to spin up blogs. Uses a built-in storage system also written in Go

CPINT | C++
Jul 2018 – Pres
Lightweight big integer library written in C++. Allows for users to create both Big Integer and Big Decimal objects. With tests written in Google test