

Emmanuel Amponsah

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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

PROJECTS

GRUMBLE | GOLANG

Building a blog engine in Go. Allows users to spin up blogs. Uses a built-in storage system also written in Go

CPINT | C++

Lightweight big integer library written in C++

AWARDS

1st place @ Rose Hulman Autonomous Car Competition

2nd place @ HackDFW (Hackathon)

2nd place @ Collidge Village (Entrepreneurship Hackathon)

EDUCATION

BOSTON UNIVERSITY | BA IN COMPUTER SCIENCE

Sept 2017 - May 2021 | Boston, MA

Clubs: BostonHacks (Head of Logistics) • MakeBU (Treasurer) • OpenWeb (Member)

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 – Present | 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

Sept 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