

EMMANUEL AMPONSAH

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EDUCATION

Bachelor, Computer Science | Boston University

SEP 2017 – MAY 2021

Relevant courses: Data Structures (CS112), Discrete Math (CS131), Computer Systems (CS210), Linear Algebra (CS132), Product Innovation and Design (CS492)

Clubs: OpenWeb, StartBU, MakeBU, Global App Initiative, BostonHacks (Organizer)



EXPERIENCE

Research Assistant | Boston University, Clinical & Translational Science Institute

SEP 2017 – NOW

Identifying and curating gene expression signatures from publicly available databases/literature to extend the openSESAME platform to a different approach that places query signatures in the context of a larger set (i.e., creating a network)

Senior Lab Mentor | iCode Inc.

OCT 2015 – JUN 2017

Assisting students in learn new programming languages, technologies and frameworks, including but not limited to, Java, Python, HTML, CSS, Alice, Raspberry Pi, Scratch, Garage band, etc...



PROJECTS

- **erOS**: Web-crawler, with basic search features. Python
- **Insight**: Arduino + sensors, used for helping those with vision impediments better navigate the terrain around them. C++, Arduino
- **Dolt**: Android to-do list app, utilizing local database. Java.
- **Hubtech**: Hub to connect all IoT devices and have them communicate with each other. Java, HTML/CSS, JavaScript(WIP)



AWARDS & SKILLS

- Java, C++, Python, JavaScript/Angular, SQL
- Visual Studio, XCODE, Android Studio, IntelliJ IDEA, Microsoft Suite
- Latin (Read), Twi (Fluent), English (Fluent)
- 2nd Place - HackDFW (hackathon), 2nd Place - Collidaton (IoT Entrepreneur hackathon)