



EMMANUEL AMPONSAH

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EDUCATION

Bachelor, Computer Science, Psychology | Boston University

SEP 2017 – MAY 2021

Current course load: Data Structures (CS112), Discrete Math (CS131), Reason and Argumentation (PHIL160), Writing Seminar: Global Documentaries (WR100)

Clubs: OpenWeb, StartBU, BU Consulting Group, 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.
- **OpenNotes**: Note taking application using Flask and Cassandra, for the purpose of making taking notes more streamline. Python, HTML/CSS, JS



AWARDS & SKILLS

- Java (Proficient), HTML/CSS (Proficient), C++ (Intermediate), Python (Intermediate), JavaScript (Intermediate), SQL (Beginner), Go (Beginner), Swift (Beginner)
- 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)