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EDUCATION

Massachusetts Institute of Technology (MIT)

Class of 2022

- Candidate for Bachelor of Science in Electrical Engineering and Computer Science Cambridge, MA
- Relevant coursework: Elements of Software Construction, Software Studio, Artificial Intelligence, Computer Systems Engineering, Embedded Systems, Computation Structures, Signal Processing, Fundamentals of Programming, Web Programming, Intro to Algorithms, Intro to MATLAB, Intro to Game Design Methods

SKILLS

Languages & Tools: Java, Python, MATLAB, Mathematica, LaTeX

Web/Mobile Apps: HTML/CSS/Javascript, Android Studio, XML, Kotlin, Xcode, Swift, Unity, C#, Firebase, AWS

WORK EXPERIENCE

Intuit | *Software Engineer (SWE) Intern*

May 2021-Present

Remote

- Worked on iOS, Android, and Native Player for the TurboTax Mobile Team.
- Developed automated testing for the TurboTax Android app using Android Studio and Kotlin.
- Created iOS assets for Native Player using Xcode and Swift.

Amazon Web Services (AWS) | *Software Development Engineer (SDE) Intern*

May-Aug 2020

Remote

- Developed continuous automated testing for several teams' services using Java.
- Worked with and developed code for multiple repositories under EC2 Networking.
- Integrated various AWS services: Step Functions, Lambda, S3, DynamoDB, and CloudWatch.

Polygence | *Mentor*

Sept-Dec 2019

Remote

- Worked remotely with young students on computer science and programming projects.
- Taught students about coding and web development using Python.

CMU Human-Computer Interaction Institute (HCII) | *Research Assistant*

May-Aug 2019

Pittsburgh, PA

- Research assistant in CHIMPS (Computer-Human Interaction: Mobility Privacy Security) lab.
- Refined user interfaces to improve participants' cybersecurity attitudes and behaviors.
- Incorporated social influence features into a Unity game to highlight the importance of cybersecurity.
- Worked extensively with Unity, C#, HTML, Javascript, and Firebase.

MIT | *Lab Assistant, 6.009: Fundamentals of Programming*

Jan-May 2019

Cambridge, MA

- Assisted students with their lab assignments and fielded conceptual and technical questions.

ACTIVITIES AND AWARDS

Rewriting the Code (RTC) Fellowship | *Student Fellow*

Nov 2019-Present

- Practiced valuable career skills, including leadership, teamwork, networking and communication.

MIT CodeIt | *Mentor*

Sept 2019-Present

- Mentored middle school girls in Scratch coding projects and fostered lasting engagement in computer science.

MIT Society of Women Engineers (SWE) | *#HelloWorld Chair*

Sept 2018-Present

- Supported women pursuing degrees and careers in engineering through a connected network.
- Encouraged young girls to explore STEM by teaching them how to build their own websites.

PrideHacks | *Hacker; Won Best Hardware Hack and Best Domain Name from GoDaddy Registry*

June 2021

- Designed a Discord bot that reacts to pride-related messages with relevant pride emojis to celebrate Pride month!
- Used Discord.py, Python, and Repl.it to host the bot and manage it as administrator of the BLAHAJGang server.

Surfs Up Hacks | *Hacker; Won First Overall*

June 2021

- Developed an automated smart rover that identifies and picks up trash from the beach.
- Used Google Cloud Vision Object Detection API, Python, Raspberry Pi, l293d Motor Driver, and Servo Motor

Neighborhood Hacks | *Hacker; Won Second Overall*

May 2021

- Built a theft prevention system to protect a mailbox or cash counter using face recognition and logging.
- Used Python, MySQL, SQLite, Google Cloud Vision API, Azure Face Detection API, and Arduino.