Tiffany Trinh

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EDUCATION

Massachusetts Institute of Technology (MIT)   **May 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, 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**
- Worked on iOS, Android, and Native Player for the TurboTax Mobile Team.   Remote
- 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**
- Developed continuous automated testing for several teams' services using Java.   Remote
- 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**
- Worked remotely with young students on computer science and programming projects.   Remote
- Taught students about coding and web development using Python.

CMU Human-Computer Interaction Institute (HCII) | *Research Assistant*   **May-Aug 2019**
- Research assistant in CHIMPS (Computer-Human Interaction: Mobility Privacy Security) lab.   Pittsburgh, PA
- 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**
- Assisted students with their lab assignments and fielded conceptual and technical questions.   Cambridge, MA

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.