im@tyffic.al
(714) 622-8259
Tiffany Trinh
tyffic.al
linkedin.com/in/tyffical

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, Algorithms, MATLAB, Game Design Methods

SKILLS

Languages: Java, Python, MATLAB, HTML/CSS/Javascript, Kotlin, Swift, Unity, C#
Frameworks & Tools: Mathematica, LaTeX, Android Studio, XML, Firebase, AWS
Interpersonal Skills: collaboration, agile/scrum, diplomacy, empathy, flexibility, respect

WORK EXPERIENCE

Intuit | *Software Engineer (SWE) Intern*   **May 2021-Present**
- Created iOS assets using Swift for Native Player to improve users' experience with Turbotax. *Remote*
- Developed automated testing for TurboTax Android App utilizing Kotlin to refine devops pipeline.

Amazon Web Services (AWS) | *Software Development Engineer (SDE) Intern*   **May-Aug 2020**
- Developed continuous automated testing pipelines using Java, which will be used   *Remote* internally to improve the efficiency of all other services under AWS.
- Utilized and integrated various services: Step Functions, Lambda, S3, DynamoDB, and CloudWatch.

Polygence | *Mentor*   **Sept-Dec 2019**
- Mentored students through creating basic computer science focused personal projects.   *Remote*
- Instructed middle and high school students on basic computer science and programming skills.

CMU Human-Computer Interaction Institute (HCII) | *Research Assistant*   **May-Aug 2019**
- Refined user interfaces using C#, HTML, and Javascript to improve participants'   *Pittsburgh, PA* cybersecurity attitudes and behaviors.
- Incorporated social influence features into Unity game to highlight the importance of cybersecurity.

ACTIVITIES AND AWARDS

Major League Hacking (MLH) | *Community Leader - BLAHAJGang*   **June 2021-Present**
- Brought together and moderated a supportive and engaging hackathon and tech community.
- Provided helpful technical, academic, and professional resources and event invitations.

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.

PrideBot | *Won Best Hardware Hack and Best Domain Name (GoDaddy) at PrideHacks*   **June 2021**
- Designed a Discord bot using Python and Repl.it that reacts to pride-related messages with relevant pride emojis to celebrate Pride month!
- Collaborated with team members to create a fun bot that is now the pride and joy of the community.

Beach, please | *Won First Overall at Surfs Up Hacks*   **June 2021**
- Developed an automated smart rover that identifies and picks up trash from the beach using motors.
- Cooperated with teammates to connect Raspberry Pi with Google Cloud Vision Object Detection.

SafeMail | *Won Second Overall at Neighborhood Hacks*   **May 2021**
- Built a theft prevention system to protect a mailbox or cash box using face recognition and logging
- Worked with team members to combine Azure Face Detection API and SQL with Arduino.