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Tiffany Trinh

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EDUCATION

Massachusetts Institute of Technology (MIT) | *B.S. in Electrical Engineering & Computer Science* May 2022

- Minor in Comparative Media Studies Cambridge, MA
- Relevant coursework: Software Construction, Software Studio, Artificial Intelligence, Computer Systems Engineering, Web Programming, Algorithms, Game Design, Learning Games, UI, Visual Design

SKILLS

Languages: Java, Python, MATLAB, HTML/CSS/Javascript, Kotlin, Swift, C#, Blueprint Visual Scripting, C++

Frameworks & Tools: Mathematica, LaTeX, Android Studio, XML, Firebase, AWS, Unity, Unreal

Interpersonal Skills: collaboration, agile/scrum, diplomacy, empathy, flexibility, respect

WORK EXPERIENCE

Datadog | *Software Engineer* Aug 2022-Present

- Incoming new grad hire. New York, NY

Intuit | *Software Engineer (SWE) Intern* May-Aug 2021

- 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 internally to improve the efficiency of all other services under AWS. Remote
- Utilized and integrated various services: Step Functions, Lambda, S3, DynamoDB, and CloudWatch.

CMU Human-Computer Interaction Institute (HCII) | *Research Assistant* May-Aug 2019

- Refined user interfaces using C#, HTML, and Javascript to improve participants' cybersecurity attitudes and behaviors. Pittsburgh, PA
- Incorporated social influence features into a Unity game to highlight the importance of cybersecurity.

ACTIVITIES AND AWARDS

Major League Hacking (MLH) | *Community Leader - BLAHAJGang* June 2021-Present

- Mobilized and moderated a supportive and engaging tech community with resources and events.

MIT Codelt | *Mentor* Sept 2019-Nov 2021

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

MIT Society of Women Engineers (SWE) | *#HelloWorld Mentor* Mar 2019-Nov 2019

- 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.