# Jason **Truong**

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## Skills

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|---|---|
| **Programming Languages** | Java, Python, JavaScript, HTML, CSS, XML, SQL |
| **Frameworks, Tools, and OS** | React Native, Android Studio, Xcode, Git, Github, Bitbucket, Jira, Linux |

## Experience

**Entrust** | Mobile Software Developer Intern *Ottawa, ON* | May 2022 - Present
- Advancing the UI/workflow to improve user accessibility and designing solutions to counter multi-factor authentication fatigue attacks for the thousands of Entrust app users, as well as developing end-to-end tests to ensure shipped code works correctly
- Using React Native, JavaScript, TypeScript, Java, Android Studio, Xcode, Jira, Git, Bitbucket, Jenkins, Detox

**Code Ninjas** | Code Sensei *Vaughan, ON* | Apr 2021 - Apr 2022
- Responsible for the engagement and education of complex programming concepts for over 30 elementary school students
- Organizing lessons in Java, JavaScript, and Lua to train young elementary students' programming logic and thinking skills

## Projects

**cov-ID** | yuHacks 2021 | Awarded Best Hardware Hack Feb 2021
- Built a mobile app and NFC card system to protect businesses by turning away customers who may be health-hazards based on the relevant Covid-19 data (last test date and results) stored in their scanned-at-entrance cov-ID card
- Lead 3 other members, organized member responsibilities, and designed the app's UI, functionality, and architecture using Google Maps API, Geocoding, Java, XML, and Android Studio

**Lucid** | qHacks 2021 | Top 6 Finalist Jan 2021
- Designed a mobile app to read text and identify objects for blind individuals using the phone's camera, speakers, and a curated UI that features the volume buttons to navigate the app – offering tactility and reliability for visually-impaired users
- Developed with Google Vision, Computer Vision, Machine Learning Kit, Object-Text Recognition, Java, and Android Studio

**Morning Run** Aug 2021
- Created a web server and 4 client alarm clock network that turns off when 1 randomly selected, scattered-across-the-room client module is pressed – forcing the user to run around their room each morning and overcome their sleep inertia
- Developed using C++, PHP, Python, SQL, HTML, CSS, HTTP Server (deployed on Rasp Pi), Arduino, and ESP32 microcontrollers

## Extracurriculars

**Toronto Metropolitan (Ryerson) Computer Science Course Union** | VP Communications May 2021 - Present
- Acting as the public relations contact for students and student societies on behalf of the CSCU while designing promotions for all events and advertising on our Instagram, Website, and monthly newsletter emailed to all Ryerson CS students

**Toronto Metropolitan (Ryerson) Computer Science Course Union** | Deputy VP Operations Sept 2020 - Apr 2021
- Took action on the concerns, issues, and questions of computer science students and helped in the organizing of events (Technical Interview Day, CS Minecraft Server, CSCU Podcast) to boost student morale and opportunities

## Education

**Toronto Metropolitan (Ryerson) University** | Honours BSc | Computer Science *Toronto, ON* | Sept 2020 - Apr 2025
- CGPA: 4.20 / 4.33
- Dean's List