

# Jason Truong

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## Skills

### Programming Languages

Java, Python, Dart, SQL, HTML, CSS, JavaScript, XML

### Frameworks, Tools, and OS

Android Studio, Flutter, Linux (Ubuntu), Windows, Git, VS Code, Photoshop

## 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

## Experience

### 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

### Online Freelance Elementary Tutor

Vaughan, ON | Sept 2020 - June 2021

- Prepared weekly practice sheets and re-explained core concepts for 4 hours weekly per student over Zoom to increase their understanding of class material; lead to raising a student's average from C's to A and B's – and learning skills from N to G's

## Extracurriculars

### Ryerson Computer Science Course Union | VP Communications

May 2021 - Present

- Acting as the public relations contact for student societies on behalf of the CSCU while designing promotions for all events using Photoshop and advertising on our Instagram, Website, and monthly newsletter emailed to all Ryerson CS students

### 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

### Ryerson University | Honours BSc | Computer Science

Toronto, ON | Sept 2020 - Apr 2025

- CGPA: 4.18 / 4.33
- Dean's List