

# James Huynh

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## Education

### University of Toronto

Honours Bachelor of Science, Computer Science

Sep 2016 – Present

Toronto, ON

## Experience

### Full Stack Developer at Overbond

May 2019 – Present

Toronto, ON

- Developed web app features with **JS**, **Ruby on Rails** and **PostgreSQL**
- Delivered features that used **React** & **Redux** and automated financial reports for bond issuers, investment dealers, and banks globally
- Built market data integrations in **Rails** to enable data science team's AI processes
- Scoped client goals, platform infrastructure, and tasks in **Confluence** and **Jira**
- Reduced technical debt regarding redundant code, tests, and database tables
- Improved marketing utility using **Rake** for tailored emails and media campaigns

### Embedded Software Designer at ExtentCom

May – Aug 2018

Richmond Hill, ON

- Developed command-line interfaces, scripts, and cryptosystems for wireless communication tools like radios, power meters, and switches with **C** and **Perl**
- Implemented network error checks and crypto algorithms like **CRC** and **RSA** for reliable communication across wireless devices

## Projects

### A Matter of Mind

Oct – Nov 2018

Toronto, ON

- Developed a web app using **Node.js** & **Express** for a non-profit organization to connect PTSD victims to services assisting with medical, legal, or financial needs

### Steam Badge Aggregator

Jul 2018

Toronto, ON

- Implemented an app that collects prices of video games compared with trading cards distributed by Steam, a PC gaming platform, using their store API
- Wrote a data scraper with **Python**; wrote the front-end with vanilla **JS**
- Designed for Steam trading card hobbyists to gauge various game prices

## Competitions

### Educational Computing Organization of Ontario Contest

Apr 2015 | 2016

Toronto, ON

- Placed **Top 3** among school board (DPCDSB), advancing to regionals 2015 & 2016
- Used **Python** and **Java** to solve 4 coding problems within 3 hours in teams of 4

## Volunteering

### Hour of Code

Dec 2014 | 2015

Mississauga, ON

- Moderated annual events to introduce coding to high school students

## Skills

Languages: **Ruby**, **JS**, **Python**, **Java**, **C**

Other tech: **Rails**, **PostgreSQL**, **React**, **Redux**, **Node.js**, **MongoDB**, **Git**