

# James Huynh

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## Summary

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

Other tech: **Rails, PostgreSQL, React, Redux, Git, Docker, AWS ECR/ECS, Node.js**

## Education

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### University of Toronto

Honours Bachelor of Science, Computer Science

Sep 2016 – Present

Toronto, ON

## Experience

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### Full Stack Developer at Overbond • Co-op

May 2019 – Present

Toronto, ON

- Developed web app features with **Ruby on Rails, JS** and **PostgreSQL**
- Delivered features that used **React & Redux** and automated financial reports for bond issuers, investment dealers, and banks globally
- Built ETL pipelines with **Docker** and **AWS ECS** to utilize data integrations with **Python** and **Rails** from sources like Refinitiv and S&P's Capital IQ
- Scoped client goals, platform infrastructure, and tasks in **Confluence** and **Jira**
- Coordinated media outreach with **SendGrid** and **Rake** for tailored campaigns

### Embedded Software Designer at ExtentCom • Internship

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

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### A Matter of Mind

Oct – Nov 2018

Toronto, ON

- Developed a web app prototype using **Node.js & Express** with a team of 6 students to provide medical, legal, or financial needs to PTSD victims

### Steam Badge Aggregator

Jul 2018

Toronto, ON

- Implemented an app that collects video games prices to gauge respective trading card prices distributed by Steam, a gaming platform, using their store API
- Scraped +8000 video games with **Python** and displayed on a vanilla **JS** front-end

## Competitions

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### Educational Computing Organization of Ontario Contest

Apr 2015 | 2016

Toronto, ON

- Placed **Top 3 of +50 teams** among school board (DPCDSB) in 2015 & 2016
- Used **Python** and **Java** to solve 4 coding problems within 3 hours in teams of 4

## Volunteering

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### Hour of Code

Dec 2014 | 2015

Mississauga, ON

- Moderated annual events to introduce coding to +1800 high school students