James Huynh

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Summary

Languages: Ruby, JavaScript, Python, Java, C

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

Education

University of Toronto

Sep 2016 – Present

Honours Bachelor of Science, Computer Science

Toronto, ON

Experience

Full Stack Developer at Overbond • Co-op

May 2019 – Present

Toronto, ON

- 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

• Developed web app features with Ruby on Rails, JS and PostgreSQL

- 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

• Developed command-line interfaces, scripts, and cryptosystems for wireless communication tools like radios, power meters, and switches with **C** and **Perl**

Richmond Hill, ON

• 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

• 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

Toronto, ON

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

Educational Computing Organization of Ontario Contest

Apr 2015 | 2016

• Placed **Top 3 of +50 teams** among school board (DPCDSB) in 2015 & 2016

Toronto, ON

• Used Python and Java to solve 4 coding problems within 3 hours in teams of 4

Volunteering

Hour of Code

Dec 2014 | 2015

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

Mississauga, ON