

James Huynh

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Summary

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

Other tech: **Rails, PostgreSQL, React, Redux, Git, Docker, AWS, GCP, Nginx, Node.js**

Education

University of Toronto

Sep 2016 – May 2023

Honours Bachelor of Science, Computer Science

Toronto, ON

Experience

Full Stack Developer at Overbond • Co-op

May 2019 – Aug 2020

Toronto, ON

- Executed full stack responsibilities in a **Ruby on Rails** fintech environment
- Developed web app features with **React & Redux** and **PostgreSQL**
- Built real-time data pipeline components in **AWS (Kinesis, Lambda, API Gateway)** which use financial data vendors to produce analytics within a 5-second latency
- Implemented real-time dashboards with **WebSockets** and **API Gateway**
- Overhauled **Python** workflows deployed with **Docker** in **Amazon ECS**
- Delivered and automated financial reports with **Rails** for issuers and investors
- Scoped client goals, platform infrastructure, and tasks in **Confluence** and **Jira**
- Coordinated media outreach with **SendGrid** for tailored campaigns
- Involved with recruitment and interviews for the growing engineering team

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**

Projects

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

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