James Huynh

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Summary

Languages: **Ruby**, **JavaScript**, **Python**, **Java**, **C**
Other tech: **Rails**, **PostgreSQL**, **React**, **Redux**, **Git**, **Docker**, **AWS**, **GCP**, **Nginx**, **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 – Aug 2020
- Executed full stack responsibilities in a **Ruby on Rails** fintech environment   Toronto, ON
- 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
- Developed command-line interfaces, scripts, and cryptosystems for wireless   Richmond Hill, ON
  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
- Developed a web app prototype using **Node.js** & **Express** with a team of 6 students   Toronto, ON
  to provide medical, legal, or financial needs to PTSD victims

Steam Badge Aggregator   Jul 2018
- Implemented an app that collects video games prices to gauge respective trading   Toronto, ON
  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