

Calvin Hong

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Technical Skills

- **Languages :** Java, TypeScript, C++, C, R
- **Frameworks / Software :** Spring Boot, JUnit, Git, Postman, IntelliJ, Atom, RStudio

Education

BCom (Combined Major in Business and Computer Science)

Expected Completion: May 2022

University of British Columbia, Sauder School of Business

Work Experience

Software Engineer Co-op, Back-end

Jan 2020 – Apr 2020

Intersect

Toronto, ON

- Technologies: Java, Spring Boot, Elasticsearch, GraphQL, Spring Cloud, Pivotal Cloud Foundry
- Developed and deployed three microservices from the ground up integrating a third-party API and developing an additional property search function for a real estate product with over 500,000 estimated unique users at launch.
- Maintained four other search related microservices which utilized Elasticsearch, GraphQL, Kafka, and Spring Cloud Netflix/Config, all continually deployed through Pivotal Cloud Foundry.
- Implemented performance tracking through Kibana for all Elasticsearch related microservices.
- Improved code resiliency by introducing and implementing circuit breaker pattern to all user facing microservices.

Product Strategist Co-op

Sep 2019 – Dec 2019

Intersect

Toronto, ON

- Imagined, presented, and executed product visions and strategies to meet the business requirements of software projects. Leveraged market research, user testing, and personal engineering experience.
- Developed a go-to-market strategy for a multi-million dollar project, from launch planning to future product road mapping.
- Led user testing for the project to validate product decisions and presented results to internal teams and stakeholders.
- Created and presented product analytic reports for a multi-billion dollar retailer to steer product strategy.

Technical Experience / Projects

Reddify

May 2019

Java Application

- An application that scrapes a chosen Reddit music subreddit and creates custom playlists based on top 100 music posts.
- Used Reddit API with JSON parser to scrape links and generate embedded urls.
- Wrote code to generate OAuth 2.0 Client Credentials and Authorization Code Grant Types.

Buses 'R Us

May 2018

Android Application

- A bus map application that marks stops and bus routes on Translink's Transit system, retrieves real time arrival information, plots user's location on the map and highlights nearest stops.
- Extracted and implemented Java class associations from UML class diagrams.
- Wrote and executed extensive unit tests for robust classes in JUnit.