

Brandon Lim

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Technical Skills

Languages (from most to least familiar)	Tools
• Typescript	• Version control: Git, Mercurial
• Python	• IDEs: IntelliJ IDEA, VS Code
• Java	• Project tracking: JIRA, Redmine
• SQL	• Frameworks: Angular, Flutter, Django, Express
• Javascript	
• Dart	

Work Experience

Database Development Co-op: ZE PowerGroup

Richmond, BC, Canada (May 2016 – December 2016)

- Wrote and optimized SQL Oracle queries
- Created and managed a test database for future use by database administrators
- Helped develop PL/SQL packages to implement custom behaviour on database transactions

Software Development Co-op: Visier Inc.

Vancouver, BC, Canada (September 2014 – May 2015)

- Developed user-facing features in Apache Flex in an Agile development environment
- Wrote and executed test scripts with JMeter
- Wrote scripts to validate and transform old data entries to be compatible with a new unit of date measurement
- Performed manual feature testing and reported/documented bugs for easy replicability

Assistant: Peoples' Pharmacy

Maple Ridge, BC, Canada (June 2010 – August 2011)

- Took a measure of ownership of the storefront by maintaining the stock, organizing shelves, and keeping the store tidy.
- Worked directly with the employer: interacted with customers, accepted phone calls, and accepted shipments.

Projects

Translink Walksheds (personal)

- Visualize areas within walking distance of public transit stops in Metro Vancouver
- Parsed GTFS-formatted data from Translink into local installation of Postgres
- Created a REST API using Django REST Framework
- Used jQuery to access the API via AJAX requests

OC6 boat roster maker (personal)

- Given a diverse roster of paddlers, allocates them into multiple boats resulting in similar boat speeds
- Implemented frontend using Angular and backend REST API using Express and MongoDB Atlas

“Vancrime” web app (academic)

- Visualize the location and density of common crimes within Vancouver
- Implemented backend using Django and frontend using HTML and Javascript
- RESTful architecture achieved using Django REST Framework

UBC course checker (Python, personal)

- Alert user via SMS when spots open up for course registration
- Used regex to search for relevant strings in course webpage

Education

Bachelor of Science in Computer Science

University of British Columbia (2012 – 2018)

- Relevant courses: Human Computer Interaction Methods, Software Engineering, Algorithms and Data Structures, Computer Hardware and Operating Systems

Activities and Interests

UBC Thunderbirds Dragon Boat Sport Club, Firetruck Dragon Boat (2013 – present)

- 7th place in the 2017 Canadian National Championships premier division
- 1st place in the 2018 Concord Pacific Dragon Boat Festival premier division

Hackathons:

- Global Game Jam Vancouver (2015)
- nwHacks (2015)

Vancouver Youth Choir (2013 – 2015, 2016-present)

Volunteer Experience

UBC TechTrek (2014)

- Engaged with high school aged students to foster interest in computer science