



## WORK EXPERIENCE

**Junior Software Developer (Co-op), Simba Technologies, A Magnitude Software Company,**  
Vancouver, BC Jan - Aug 2019

- Developing, testing and maintaining new features for **ODBC** and **JDBC SDK** in **C++** and **Java** for **SQL** and **NoSQL** based drivers
- Improved query performance by **25%** in **SQLite** driver by establishing the functionality of data fetching in bulk as opposed to row by row
- Optimized execution of Union and Pivot queries in **SQLite** driver by employing **visitor** and **factory design patterns** to implement handlers in **C++** and pass down queries directly to the data source
- Enhanced an in-house **network protocol** to support transferring registry settings between **client** and **server** driver components to build Teradata ODBC driver as a server
- Generated scripts in Python, Node, and Perl to automate build and test processes

**Undergraduate Computer Science Teaching Assistant, UBC Department of Computer Science,**  
Vancouver, BC Jan 2018 - Apr 2019

- Fostered active participation in a laboratory environment and guided classes of **35** students towards mastering the key computer science concepts in **BSL (Racket)** and **C** programming languages

## FEATURED PROJECTS

**Instagram Clone** Jan 2019 - Present

- Implementing an **iOS** app in **Swift 4** to mimic Instagram functionality
- Employed programmatic approach of designing UI
- Designed reusable table view by applying **delegation** and **inheritance** techniques

**Campus Connect | NwHacks** Jan 2019

- Developed fully functional social media app over 48h period in **JavaScript**, **Firestore** on the back-end and **React**, **HTML**, **CSS** on the front-end with the goal of connecting students in struggle

**Pink Glasses | Local Hack Day** Dec 2018

- Implemented **Chrome** extension in **JavaScript** to scrape currently open web page and censor inappropriate material in real-time
- Placed in **top 5 projects** at UBC Local Hack Day hackathon with a theme of social good

## TECHNICAL SKILLS

### Most Experienced

- C++, C, JavaScript

### Moderate Exposure

- Java, TypeScript, HTML, CSS3

### Familiar

- Swift, SQL, React

### Frameworks | Toolkits

- JDBC, ODBC, Firebase, MySQL, MongoDB, SQLite
- Windows, Unix
- Git, Perforce
- GTest, JUnit, Mocha, Jasmine

## EDUCATION

**Bachelor of Commerce, UBC Sauder School of Business, Vancouver, BC** Sept 2017 - Present

- Specialization: **Combined Major in Business and Computer Science**
- Cumulative Average: **91.8%**
- Dean's Honour Roll (Spring 2018)
- Columbia College A. J. Mouncey Memorial Scholarship (Spring 2018)
- Sauder School of Business Scholarship (Fall 2018)
- Trek Excellence Scholarship (Fall 2018)

## CERTIFICATIONS

Build Instagram clone with **Swift** and **Firestore**,  
*Udemy.com* Jan 2019 - Present

The Ultimate **MySQL** Bootcamp, *Udemy.com*  
Dec 2018 - Jan 2019

**React 16** - The Complete Guide with React Router and Redux, *Udemy.com*  
Aug 2018 - Nov 2019

The Complete **iOS** App Development Bootcamp, *Udemy.com*  
July - Aug 2018

Build Responsive Websites with **HTML5** and **CSS3**,  
*Udemy.com* July - Aug 2018

The Complete **Node.js** Developer Course, *Udemy.com*  
June - July 2018

## INTERESTS

- **Snowboarding**: competed professionally for Republic of Bashkortostan national team
- **Ice-hockey**: played in junior and amateur leagues
- **Traveling North America by car**: traveled from Vancouver to Saskatchewan and California reaching over 5000 km per trip
- **Music**: DJing tech, bass house, and techno