

# Brian Quach

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## Summary

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Software engineering student that lives and breathes code. A result-driven individual who strives to meet deadlines and exceed expectations. Is a reliable person that works effectively both individually and in a team. An extremely quick learner who loves to challenge himself through exposure to new and unfamiliar technologies.

## Skill Highlights

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- Fluent in Java and Python
- Experienced in C, Assembly, Node.js, VBA
- Business Intelligence (SSRS, SSIS, Crystal Reports)
- Experienced with Sony Vegas, Adobe Flash and Actionscript
- HTML, CSS, JavaScript, Node.js and PHP web development
- Experienced in Microsoft SQL Server and MySQL database analysis and development
- Experienced with Unity 5
- Version Control (Git, Subversion, TFS)

## Experience

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### Canadian Tire Corporation | Programmer Analyst Co-op

September 2018 - Present, Toronto, ON

- Implemented solutions for internal server network performance
- Created various utilities for monitoring system and application status in Bash
- Developed an executive dashboard using Grafana, Graphite, Node.JS and Bash Scripts used to monitor system performance in multiple stores

### Canadian Imperial Bank of Commerce | Co-op Application Developer

January - August 2017, Toronto, ON

- Developed and maintained complex financial reports using Crystal Reports 10
- Developed SSRS reports for the Crystal Reports Migration project and supported QA testing
- Created SSIS packages to import data from Oracle to Microsoft SQL Server databases
- Designed and implemented database procedures and views to enhance report functionality

### Center for Addiction and Mental Health | Co-op Placement Student

May- August 2016, Toronto, ON

- Performed analysis of current CAMH website, highlighting flaws in architecture and design
- Designed and implemented new layouts for internal mailing list and SharePoint team site
- Had a role in the Digital Strategy Team, working to unify CAMH's online presence

### Canadian Imperial Bank of Commerce | Test Analyst Co-op

September - December 2015, Toronto, ON

- Wrote detailed test cases to be executed by testers using HP ALM
- Determined optimal black-box testing approach for full feature coverage
- Suggested potential improvements to UI to enhance user experience

## Education

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### University of Toronto Scarborough | Honours Bachelor of Science

September 2014 - Present

- Specialist in Software Engineering (Co-op)

## Projects

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- Peer-to-peer multiplayer rhythm based game built on Node.js and Phaser.io
- Placed in the top four in CIBC ReHacktor, winning the People's Choice award with a proof of concept Bluetooth enabled credit card.
- Created a flight-booking Android app that books flight itineraries based on total time and cost
- Assembled and programmed a Lego NXT Robot AI designed to play in 1v1 soccer matches
- Created a homework delivery web application that provides students with automarked results