

# Benjamin Teo

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## Education

**Sauder School of Business at The University of British Columbia, Canada** (Transfer) Exp. Graduation May 2018

Bachelor of Commerce in Computer Science and Business w/ 3.2 GPA

Related Coursework: Quantitative Analysis, Management of Information Systems, Information System Technology Development, Models of Computation, Software Construction, Software Engineering, Intermediate Algorithms and Data Structures, Relational Databases, Operating Systems.

**Boston College, College of Arts and Sciences, USA**

September 2013 – May 2014

Bachelor of Science in Biology w/ 3.8 GPA

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## Technical Skills

### Programming Languages and Frameworks

Proficient: Java, Javascript, Typescript, JUnit, Mocha

Familiar: C, C++, Bootstrap, JQuery

Rudimentary: MySQL, MongoDB, R, HTML, CSS, REACT

### Software and Platforms

Proficient: CLion, IntelliJ, Webstorm, Atom

Familiar: UNIX Shell, NodeJS, Git, Webpack

Related Skills: Quantitative analysis, Spreadsheets, Resource Modelling, Quantitative Modelling, Pivot tables

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## Projects

### **Key Performance Indicator Dashboard Module**

January 2017 – April 2017

**Project manager** on a team of eight people developing a browser-based module which extends the OpenDental system, used by My Practice Matters, a Dental Consulting Practice. The module's main purpose is to produce performance reports based on key performance indicators (KPI's).

- Charged with stakeholder analysis, including requirement and specification collection.
- Managed project scope, and identifying the project's minimum viable product (MVP), resulting in minimal scope creep.
- Generated a risk management plan, liaised with stakeholders in order to assess probability of external project risks, and consulted with team members on internal project risk.
- Lead project testing, specifically during user acceptance testing, as well as during internal testing phases.

**Technologies used:** C#, MySQL, OpenDental API

### **NFL Stats Machine (In-Progress)**

September 2016 – Present

Designed and developed of a full-stack web-application designed to allow a user to determine whether a statistical relationship exists between variables for NFL player data.

- Features: regression graph, context specific data analysis for hypothetical statistical relationship.
- Example of use: computes a linear regression on x and y parameters, which are selected by the user; contextual information is output.

**Technologies used:** REACT, NodeJS, RESTful API's, Typescript, R

### **UniTracker (In-Progress)**

December 2016 – Present

Designed and developed of a web-application that allows users to track their packages in a company-agnostic form.

- Features: outputs tracking information for a user's package.
- Example of use: user inputs tracking number, the server validates the format, queries the matching company's API, and outputs the information returned using REST endpoints

**Technologies used:** Bootstrap, JQuery, NodeJS, RESTful API's, Typescript, various company-specific API's.

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## Experience

### **Direct Liquidation: Burnaby, BC**

July 2015 – January 2016

Direct Liquidation is a liquidation warehouse that specializes in the redistribution of merchandise that has been acquired from distressed locations. In addition to these services, the company also offers auctioneer assistance throughout Canada.

#### *Marketing and IT Officer*

- Redesigned online store within two months in response to feedback, resulting in 15% increased sales on the following month.
- Maintained and monitored company computer system and network, resulting in 100% uptime.
- Created material for the company blog, which resulted in an increase in customer engagement, as well as sales.
- Improved marketing initiatives on social media through contests, resulting in increased customer interaction by 7 interactions per month across all social media.

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## Activities

**Interests:** Producing electronic music, logo designing in Photoshop, fantasy football

**Athletics:** Rugby, lifting weights, basketball, soccer