

# 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 (GPA: 3.2)

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/ (GPA: 3.8)

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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, UML 2.0

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## Projects

**Key Performance Indicator Dashboard Module**

January 2017 - Present

**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).

- Created a project plan that included specifications for design, as well as both business and technical requirements.
- Managed project scope, and identifying the project's minimum viable product, 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.
- Currently planning the test phase, specifically for user acceptance and internal testing.

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

**NFL Stats Machine**

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, HTML, CSS, Bootstrap, NodeJS, RESTful API's, Typescript, R**

**UniTracker**

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.
- Uses various design patterns including factory, facade, and strategy.

**Technologies used: REACT, HTML, CSS, Bootstrap, 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 network and firmware, resulting in 100% uptime.
- Created literary 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