

# Benjamin Teo

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## Education

**Sauder School of Business at The University of British Columbia, Vancouver, Canada** (Transfer) Exp. Graduation May 2018  
Bachelor of Commerce in Business and Computer Science w/ 3.2 GPA

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

**Boston College, College Arts and Sciences, Chestnut Hill, USA**  
Bachelor of Science in Biology w/ 3.8 GPA

September 2013 - May 2014

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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, Photoshop

Familiar: UNIX Shell, NodeJS, Git, Webpack, Autodesk Maya 3D Modelling

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## Projects

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

September 2016 - Present

Sole developer 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.
- Currently developing statistical function in R.
- Parameters are NFL player statistical data, which are stored in an open-source Python module that parses data from the NFL.com JSON feed.

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

**UniTracker (In-Progress)**

December 2016 - Present

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.
- Currently refactoring code into a strategy design-pattern in order to improve extensibility in the future.

**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*

- Completed a redesign of the online store to accomodate customer needs; in response to feedback.
- Responsible for maintaining and monitoring company computer system and network.
- Responsible for managing the online store and fulfilling orders on a timely basis.
- Responsible for the company blog, which resulted in an increase in customer engagement and subsequently, sales.
- Improved marketing initiatives on social media through contests other opportunities for customer engagement.
- Maintained and managed auction item lot database.
- Maintained auction data and was responsible for managing both consigner, and customer accounts.

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## Activities

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

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