

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 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, 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

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.
- Conducted in-depth risk analysis on project.
 - 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

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.

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

UniTracker (In-Progress)

December 2016 - Present

Sole developer 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.

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 within a two month schedule, 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 other opportunities for customer engagement throughout tenure, resulting in increased customer interaction by 7 interactions per month across all social media.

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

Related Skills: Quantitative analysis w/ Excel, Spreadsheets, Resource Modelling, Quantitative Modelling, Pivot tables

Activities

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

Athletics: Rugby, lifting weights, basketball, soccer