

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 (GPA: 3.8)

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

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.

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.

Activities

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

Athletics: Rugby, lifting weights, basketball, soccer