

Sean Donachiue

BSc,
Computer Science
University of British
Columbia
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Core Values:

Honesty is numero uno,
Teamwork makes the dream
work!

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PRIOR POSITIONS

Web Design - www.strutorthotics.com

current

Updated an existing wordpress theme for viewing on mobile and tablets
Modernized landing page layout and content with respect to the fold
Currently managing an adwords campaign to drive site traffic and customers.

Web Development - Private Tutoring App

may-september 2018

Leveraged node.js and the fantastic open source quill-sharedb-cursors library to build a low-scale, no frills shared document editing app with CRUD functionality.

Cement Finisher - Ossy & Ossy Concrete

april-august 2016, 2017

In my second year back, I supervised and taught apprentices effective and safe work practices for demolition and cement repairs to the sides of apartment towers, 10-20 storeys off the ground.

RELEVANT COURSEWORK

Computer Security

Learned methods of maintaining data availability, integrity, and access. For my research paper, I analyzed a pseudo-random number generator I implemented in Visual Studio C++ as a Windows Console Application.

Computer Networking

Broad overview of computer networking concepts and data transfer protocols including DNS, TCP/IP, and websockets.

Software Engineering Project Course

Implemented a database access interface on the web using a sponsoring company's legacy MySQL data. My role was to write queries on the backend and format results to pdf with Spring, Hibernate, and PDFBox.

Introduction to Software Engineering

Worked in a team of four on a project using the MEAN stack which presented route information for electric vehicle charging stations within Canada, based on a publicly available dataset.

Human Computer Interaction

Heavy emphasis on iterative development and low cost prototyping in teams of six.
Final prototype online shopping interface completed using Node.js

Technical Skills

Languages and Libraries

Java
C++
Node.js + Express
html5/css3
Wordpress
MySQL
MongoDB

Methodologies

Agile/Scrum
Test Driven Development
UI/UX Prototyping
Mobile First Web Development
RESTful APIs

