

BRENDAN MCKAY

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SKILLS

Languages: JavaScript, C#, Java, Typescript, C, SQL, HTML/CSS

Frameworks: Angular, JQuery, ASP.Net, Node.js, XUnit, Jasmine

Data: MongoDB, MSSQL Server

Meta: Git, TDD, Agile

EXPERIENCE

INgrooves Music Group

Software Developer (Co-op) / 01/2016 – 08/2016

Central Music Services

- Designed and implemented a framework for filtering products based on user controlled parameters.
- Developed a user interface for an application that generates email reports for record labels.
- Modified DTOs and wrote corresponding migration steps.
- Collaborated with senior developers to create a catalog of INgrooves' UI components.

University of British Columbia

Teaching Assistant – Data Structures and Algorithms / 09/2016 – 12/2016

- Assisted students with the implementation of data structures and algorithms in C, graded assignments, invigilated exams, maintained correspondence with students regarding coursework.

EDUCATION

Bachelor of Computer Science, Completed 12/2016

University of British Columbia

Bachelor of Arts in Philosophy, Completed 08/2011

University of Victoria

PROJECTS

UI Catalog 08/2016 (Co-op Project at INgrooves)

- Static site generator for catalog of INgrooves' UI Components
- Retrieves components from internal npm repository
- Creates a view of each component displaying the component with corresponding javascript, html, and css.
- Intended to promote code reuse by making it obvious which components are available, providing example implementations, and reducing the need for manual documentation
- Node.js and Express Server, hosted in AWS.

UBC Market Place 09-12/2016 (Computer Engineering Project at UBC)

- Full stack retail web application.
- Frontend consists of vanilla html, css, and javascript.
- Node.js and MongoDB backend.

Parkr (Software Engineering Project at UBC)

- Helps users find the perfect parking spot by providing information on parking meter prices, type, and automobile related crime.
- Retrieves parking meter and crime information from the City of Vancouver website.
- Ruby on Rails.

Beer App (BCS Hackathon 2015)

Given the name of a beer, Beer App

- Provides a suggested meal pairing and recipe for any given beer.
- Generates pairings by communicating with two public APIs: BreweryDB and Food2Fork.
- Java.

EXPERIENCE PRE-UBC

Oil and Gas Industry, Northern Alberta

- Truck Driver 06/2013 – 08/2014
- Roughneck/Derrickhand 09/2011 – 06/2013

HOBBIES & INTERESTS

Cycling, Photography, Travel, Cross-Country Skiing, Reading Fiction/Non-Fiction/Comic Books