

# BRENDAN MCKAY

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Vancouver, BC  
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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