MICHAEL REITER

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EDUCATION

Expected 2018	**UNIVERSITY OF VICTORIA** Bachelor of Science, Computer Science	3.91 / 4.0 GPA

EXPERIENCE

May - August 2016   **SOFTWARE ENGINEER,** Benbria

- Full stack web development for a customer engagement app targeting major food and hospitality industry clients
- Built backend image upload and manipulation infrastructure
- Developed an API to interface with a NoSQL database
- Wrote business and customer facing React/Redux ES6 JS code

May - August 2015   **SOFTWARE DEVELOPER,** Chatterhigh

- Developed an iOS/Android social app using the Ionic framework
- Overhauled mobile website using Bootstrap and Ruby on Rails resulting in up to 58% faster load times
- Designed mobile UI and wrote front end HTML, CSS and JavaScript

PROJECTS

CoffeeScript, HTML5, Phaser   **RUN! JUMP! SHOOT!**

- A cross-platform 2D platformer action game
- Implements object oriented design to modularize code
- Designed to scale for any mobile device

Objective-C, Xcode   **MUSIC WRITING HELPER**

- An iOS app to algorithmically determine chords in common keys, generate and play chord progressions, and display guitar chord charts
- Achieved over 6500 users in 60 countries through the App Store

Scikit-learn, Flask, React   **MACHINE LEARNING PREDICTOR**

- A web app that uses linear regression to train a model to predict housing prices

AngularJS, Cordova, Sass   **DO YOU EVEN LIST**

- A hybrid mobile app that tracks custom workouts and counts sets

C#, Unity3D   **SUBURB SURVIVAL**

- A 3D desktop PC survival game featuring enemies programmed to seek the player and avoid obstacles

Python   **WINDWARD CODE WARS**

- Achieved 2nd place in the international AI programming competition
- Designed an algorithm to competitively buy and sell stocks

SKILLS

PROFICIENT	JavaScript (ES6, CoffeeScript), Python, Java, HTML5, CSS (Sass, Stylus), Git
WORKING KNOWLEDGE	C/C++, C#, Unity3D, Ruby, MongoDB, AWS S3, Jade
TECHNOLOGIES	Node.js, React, Redux, Express, jQuery, Cordova, Phaser, Mocha, Chai