MICHAEL REITER

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EDUCATION

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

EXPERIENCE

May - August 2017   **MICROSOFT**, Software Engineer Intern
                       - Lead engineer on a team prototyping Virtual Reality experiences
                       - Developed a 3D application for Windows 10 using C#, C++ and XAML
                       - Worked in a .NET development environment with Visual Studio 2017

January - April 2017   **FACEBOOK**, Software Engineer Intern
                       - Implemented major features and video player improvements for the iOS app
                       - Developed app logic and substantial UIs using Objective-C/C++ and Xcode
                       - Produced several successful projects using ComponentKit and GraphQL
                       - Participated in the company hackathon alongside full time engineers

May - August 2016   **BENBRIA**, Software Engineer
                       - Full stack web development for a customer engagement/hospitality app with React/Redux and JavaScript (ES6)
                       - Built Node.js backend image upload and manipulation infrastructure
                       - Developed an API to interface with a NoSQL database

May - August 2015   **CHATTERHIGH**, Software Developer
                       - 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

PROJECTS

CoffeeScript, HTML5, Phaser   **RUN! JUMP! SHOOT!**
                       - A 2D platformer action game designed to scale for any mobile device
                       - Implements object oriented design to modularize code

Objective-C   **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

Flask, React   **BLOCK BLOG**
                       - A blockchain based social network featuring immutable distributed data
                       - Winner of Hack the North 2016, Canada's largest hackathon

C#, Unity3D   **SUBURB SURVIVAL**
                       - A 3D game featuring enemies that 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++, Objective-C, C#, Unity3D, Elm, MongoDB

OTHER   Node.js, React, Redux, Express, jQuery, GraphQL, Buck, Xcode, Cordova, Phaser