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
- Prototyped Virtual Reality/Augmented Reality experiences in Unity3D for Windows Mixed Reality headsets and Microsoft HoloLens
- Developed a 3D application for Windows 10 using C#, C++ and XAML

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 app using JavaScript (ES6) and React/Redux
- Built Node.js backend image upload and manipulation infrastructure

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

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, Git

WORKING KNOWLEDGE   C/C++, Objective-C, C#, Unity3D, Elm, MongoDB, CSS (Sass, Stylus)

OTHER   Node.js, React, Redux, Express, jQuery, GraphQL, Cordova, Xcode, Visual Studio