MICHAEL REITER

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EDUCATION

May 2018	**UNIVERSITY OF VICTORIA**	3.9 / 4.0 GPA
	Bachelor of Science, Computer Science	

EXPERIENCE

June 2018 - present   **OCULUS VR (FACEBOOK)**, Software Engineer
- Implementing System UX for standalone VR headsets

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

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

May - August 2016   **BENBRIA**, Software Engineer Intern
- Full stack web development with React, Redux, JavaScript, Express, Node.js
- Built backend image upload and manipulation infrastructure

May - August 2015   **CHATTERHIGH**, Software Developer Intern
- Built hybrid iOS/Android app and overhauled mobile website using Ruby on Rails and Bootstrap resulting in up to 58% faster load times

PROJECTS

Elm, Golang   **POUCH**
- An infinite storage filesystem similar to Dropbox where files are intelligently removed when unused and automatically downloaded upon request
- Serverless architecture enables scalability and inexpensive operating costs

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

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

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

ADEPT   JavaScript (ES6, ES7, CoffeeScript), Python, Java, C, C++, Elm, Git, Mercurial

PROFICIENT   React, React Native, Redux, Node.js, HTML, CSS, Objective-C, C#, C, Express