

# MICHAEL REITER

San Francisco Bay Area

michaelreiter@live.ca

michaelreiter.github.io

(650) 785-0740

github.com/michaelreiter

linkedin.com/in/michaelalexanderreiter

## EXPERIENCE

**FACEBOOK (OCULUS VR)**, *Software Engineer, IC4*

June 2018 - present

- Implementing System UX for Oculus Quest Virtual Reality headsets
- Primarily working with JavaScript (React VR), Java (Android) and C++17

**MICROSOFT**, *Software Engineer Intern*

May - August 2017

- Lead engineer on a team prototyping experiences for Windows Mixed Reality headsets
- Developed a 3D UWP application for Windows 10 using C#, C++ and XAML

**FACEBOOK**, *Software Engineer Intern*

January - April 2017

- Implemented and A/B tested picture in picture video playback for the Facebook iOS app
- Developed app logic and UI for Facebook Watch using Objective-C, C++ and GraphQL

**BENBRIA**, *Software Engineer Intern*

May - August 2016

- Built front-end mobile image uploading using JavaScript (ES6), React and Redux
- Built back end image manipulation infrastructure Node.js, Express, MongoDB and AWS S3

**CHATTERHIGH**, *Software Engineer Intern*

May - August 2015

- Built hybrid iOS/Android app comprising registration, login, profile, quizzes and forums
- Overhauled mobile website using Ruby on Rails achieving up to 58% faster load times

## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY**

January 2020 - present

Master of Science, Computer Science

**UNIVERSITY OF VICTORIA**, 3.9 / 4.0 GPA

September 2014 - May 2018

Bachelor of Science with Distinction, Computer Science

## PROJECTS

**SNAPSHOT**, *Kotlin, Go, GraphQL, PostgreSQL, Redis, gRPC, Protocol Buffers, Docker, Kubernetes, GCP*

- A scalable photo sharing social network app for Android built using a microservices based architecture

**POUCH**, *Elm, Go, AWS Lambda, S3*

- A cloud filesystem where files are intelligently removed when unused and automatically downloaded upon request

**BLOCK BLOG**, *React, Go, Flask*

- A blockchain based microblogging site featuring immutable distributed data. Winner of Canada's largest hackathon.

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

- An iOS app that generates and plays chord progressions, and achieved over 6500 users through the App Store

**WINDWARD CODE WARS**, *Python*

- An algorithm to competitively buy and sell stocks that achieved 2<sup>nd</sup> place in the AI programming competition

## SKILLS

**ADEPT** JavaScript (ES6, Flow), React, Redux, React Native, GraphQL, Node.js, Go, Java, Git, Mercurial

**PROFICIENT** Docker, Kubernetes, gRPC, Protocol Buffers, Google Cloud Platform, AWS (EC2, S3, Lambda), Python, C, C++, SQL, Objective-C, Kotlin (Android), Elm, HTML, CSS