

**MICHAEL REITER** (650) 785-0740 michaelreiter@live.ca github.com/michaelreiter  
San Francisco, CA michaelreiter.github.io linkedin.com/in/michaelalexanderreiter

## EXPERIENCE

**FACEBOOK (OCULUS VR)**, *Software Engineer* Since June 2018

- Client-side system UI/UX engineer on the team that launched **Oculus Quest** and **Oculus Quest 2 VR headsets**.
- Served as **Engineering Lead** for a major rewrite of the Universal Menu. Coordinated development across a dozen engineers in multiple orgs. Performed memory profiling and optimizations to meet a strict budget. Advocated modern Android best practices such as **MVVM** architecture, **Android Jetpack** components, and **Kotlin** adoption.
- Developed an OTA update service in **C++17**, decoupling monolithic releases into a **service-oriented architecture**. Enabled engineering teams across different orgs to independently deploy app updates, accelerating release cadence from monthly to arbitrarily frequent rollouts.
- Built Settings app with a least-privilege security model using **React Native**, **Java** and **GraphQL**.
- Managed an **intern**. Developed a project plan, reviewed all code, and hosted weekly 1:1s. Resulted in unanimous full-time hiring recommendations.

**MICROSOFT**, *Software Engineer Intern* May – August 2017

- Developed a 3D model viewer app for **HoloLens AR headsets** and **Windows 10** using **C#**, **XAML** and **UWP**

**FACEBOOK**, *Software Engineer Intern* January – April 2017

- Implemented picture-in-picture video playback for the Facebook **iOS** app using **Objective-C**

**BENBRIA**, *Software Engineer Intern* May – August 2016

- Built **full-stack** CRM web app using **JavaScript (React, Redux)**, **Node.js**, **Express**, and **MongoDB**

**CHATTERHIGH**, *Software Engineer Intern* May – August 2015

- Built **cross-platform** mobile app using **Ionic** and **Ruby on Rails**, achieving 58% faster load times

## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY** Since January 2020

Master of Science, Computer Science

**UNIVERSITY OF VICTORIA**, 3.9 / 4.0 GPA September 2014 – May 2018

Bachelor of Science, Computer Science

## PROJECTS

**SNAPSHOT**, *Kotlin, Go, GraphQL, Postgres, 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 file system** where unused files are intelligently removed and automatically redownloaded upon request

**BLOCK BLOG**, *React JS, Go, Python, Flask*

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

## SKILLS

**ADEPT** JavaScript (ES7, Flow), React, React Native, Android, Java, GraphQL, Node.js, Git, Mercurial

**PROFICIENT** C, C++, Python, Kotlin, Go, Objective-C, SQL, gRPC, Elm, HTML, CSS, Docker