DANIEL WEISBERG
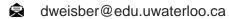
🎓 4A Computer Engineering | U of Waterloo
💻 DanielWeisberg.com
in linkedin.com/in/weisbergdaniel
✉ dweisber@edu.uwaterloo.ca

Education

University of Waterloo, Computer Engineering (4A)   2015-2020

Technical Proficiency

Languages	Java, C#, Python, Golang, Kotlin, C/C++
Platforms:	macOS, Windows, Android, iOS, Arduino
Worked With:	Microsoft Azure (App Service, Machine Learning, Azure DB), Firebase, Kubernetes , Git, SQL, Tensorflow, Unity, Localytics, New Relic, Jira, Jenkins, Confluence

Professional Experience

Platform Developer
Square

Sept - Dec 2018
San Francisco, California

- Created **Kotlin** data service which collected and compressed events within the **Square Cash** app into a histogram structure & stored the data in a **Prometheus** database
- Built **Golang** tool to analyze event data and component performance

Kotlin | Golang

Software Developer
Ultimate Software

Jan - Apr 2018
Weston, Florida

- Created RESTful API using **C#, SQL** and frontend in **Angular 2** for CRUD pages
- Improved content heavy page loading time by **35%** via lighter components and caching
- Worked with web accessibility expert to make website accessible for visually impaired

C# | SQL | Angular | Javascript | Typescript

Software Developer
TribalScale

May - Aug 2017
Toronto, Ontario

- Developed iOS & Android version of ABC News (**5M users**) & CBS Radio (**400K users**) using **Java** and **Swift**
- Added features including video streaming, custom animation & views, **Localytics**
- Implemented mobile network layer to access endpoints using **Postman** & **Charles**

Android Studio | Java | XCode | Swift

Mobile Developer
VIQ Solutions

Sept - Dec 2016
Markham, Ontario

- Designed & developed **iOS** (**Swift**) and **Android** (**Java**) version of "VIQ Enconnect" app
- Added new features to mobile app including send/receive mail page and video recorder
- Implemented RESTful API with ASP.NET Web API required for the new app features

Android | Java | XCode | Swift | SQL

Fullstack Developer
Opta Intelligence

Jan - Apr 2016
Markham, Ontario

- Implemented **New Relic** into production server to track stability and resource usage
- Developed data transfer app in **C#** that moved JSON data from testing to production
- Built file storage website with user authentication to store the documents of **5K** clients

Asp.NET | C# | SQL | HTML

Achievements

- **Two-Time North America finalist** of Microsoft Imagine Cup competition (2018, 2019)
- Developed & designed 8 personal android apps (games and utilities) with **60K+** downloads, **500** purchases, **400** reviews which are currently available on Google Play | DanielWeisberg.com/play
- **1st place** in Genesys hackathon for software that analyzed customer emotion, age and gender during video call using Microsoft Cognitive AI and displayed results within web portal | DanielWeisberg.com/genesys
- Developed virtual reality tactile feedback device | DanielWeisberg.com/ENVR