

DANIEL WEISBERG

3A Computer Engineering

DanielWeisberg.com

(289) 995 3333

dweisber@uwaterloo.ca

linkedin.com/in/weisbergdaniel

Technical Proficiency

Fluent in:	Java, C#, Python, Javascript, TypeScript, C/C++, MS-SQL, HTML, XML, CSS
Familiar with:	Microsoft Azure (App Service, Machine Learning, Azure DB), VHDL, NoSQL
Platforms:	macOS, Windows, Android, iOS, Arduino, BlackBerry, ARM, NRF51 Series
Experience in:	Agile Development, Unit Testing, Networking, PCB Design & Manufacturing, Soldering
Experience with:	Tensorflow, Firebase, Unity, Localytics, New Relic, KiCAD, Altium, Circuit Design, Jira, Jenkins, Confluence

Professional Experience

Software Developer

Ultimate Software

Jan - Apr 2018
Weston, Florida

- Created RESTful API using **C#**, **SQL** and frontend in **Angular 2** for employee CRUD pages
 - Improved page loading time of content heavy pages by **35%** via lighter components and caching
 - Led **4 person** intern team to create playground website for company's custom angular components
 - Worked with web accessibility expert to make website accessible for blind and visually impaired
- [C#](#) | [SQL](#) | [Angular](#) | [Javascript](#) | [Typescript](#)

Software Developer

TribalScale

May - Aug 2017
Toronto, Ontario

- Developed for iOS and Android versions of ABC News (**5M users**) & CBS Radio (**400K users**)
 - Used **Java** and **Swift** to add video streaming, custom animation & views, **Localytics**
 - Implemented mobile network layer using **Postman** and **Charles** to monitor endpoints
 - Addressed issues using **Crashlytics** to reduce app crash rate by **15%** and memory usage by **20%**
- [Android Studio](#) | [Java](#) | [XCode](#) | [Swift](#)

Mobile Developer

VIQ Solutions

Sept - Dec 2016
Markham, Ontario

- Designed and 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
 - Determined and fixed issue with large videos becoming corrupted when uploaded to server
- [Android](#) | [Java](#) | [XCode](#) | [Swift](#) | [SQL](#)

Fullstack Developer

OPTA Information Intelligence

Jan - Apr 2016
Markham, Ontario

- Implemented **New Relic** tracking into production server to track stability and resource usage
 - Developed internal data transfer app in **C#** that moved **JSON** data between testing to production
 - Built file storage website with user authentication to store the documents of **5K** clients
- [Asp.NET](#) | [C#](#) | [SQL](#) | [HTML](#)

Achievements

- Developed, designed 8 personal android apps with **45K+** downloads, **400** purchases, **300** reviews | DanielWeisberg.com/play
- **2018 Canadian Finalist (1 of 6 teams)** for **Microsoft Imagine Cup** by making hardware sensors that track person's movement and ML model to predict health problems related to the movement, hosted on **Azure** | DanielWeisberg.com/seeme
- Developed virtual reality tactile feedback device using **PCB design**, 3D printing, and **Unity** | DanielWeisberg.com/ENVR
- **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
- **1st place** in Hack Lassonde for Kinect controlled wireless robot that shot water | DanielWeisberg.com/lassonde
- **1st place** in TD Finhacks for hardware/software solution for setting and viewing savings goal | DanielWeisberg.com/finhack
- Built wirelessly controlled **robotic arm** with 6 degrees of freedom and camera for live video stream | DanielWeisberg.com/arm
- **Finalist** at Velocity UWaterloo 5K competition for EzBot, a wireless robotic platform developed in **C++** that was controlled via Bluetooth using a mobile app | DanielWeisberg.com/EzBot