

## SKILLS

Proficient using **C++, C, C#, Java, Python, Git**

Experienced with **.NET Windows** and **Android** app development

Passionate about **technology, design, engineering, music, mental** and **physical health**

## WORK

### **THALMIC LABS, ANDROID ENGINEER** SEPT - DEC 2015

Developed upcoming product features and demos for Android BLE app  
Fixed bugs in Myo Android SDK, Myo Music and Myo Drone apps

### **MICROSOFT, WINDOWS SHELL ENGINEER** JAN - APR 2015

Created first 1440p Windows 10 Mobile builds by resolving build dependencies across 500 files  
Integrated scaling support for Windows 10 Mobile Continuum into OneCore  
Implemented multi-monitor display controls in the Windows 10 Mobile settings app

### **MICROSOFT, OUTLOOK SERVICES ENGINEER** MAY - AUG 2014

Prototyped creative text messaging using native transformations on WP8, Android, iOS

### **PIVOTAL LABS, AGILE ENGINEER** SEPT - DEC 2013

Completed the WP8 MTV media streaming app from scratch in 3 months  
Implemented the QR scanner for the CurrentC iOS wallet app

### **NEXJ SYSTEMS, APPLICATION DEVELOPER** JAN - APR 2013

Implemented front-end UI features for custom health CRM in Scheme

### **NEXJ SYSTEMS, QA ANALYST** MAY - AUG 2012

Assumed QA lead for ATB Investor Services CRM, and signed off on 3000 user deployment  
Improved regression test speeds 10x by developing an automated PDF testing utility in Python

## PROJECTS

### **21 Day Advantage**

WP8 app for Shawn Achor's TEDx talk with 1000+ downloads

### **Kinect Voice Controller**

WPF app enabling voice commands using the Kinect 2.0

## EDUCATION

### **UNIVERSITY OF WATERLOO, CANDIDATE FOR BACHELORS OF SOFTWARE ENGINEERING** MAY 2016

**CS452**, Developed a real-time operating system in C for an ARM processor to control model trains