

SKILLS

Proficient with C++, C, C#, Java, Python, Git
Experienced with .NET Windows and Android application development
Passionate about technology, user experience, mental and physical health

WORK

THALMIC LABS ANDROID ENGINEER SEPT-DEC 2015

Resolved bottlenecks in custom Android Bluetooth framework

MICROSOFT WINDOWS SHELL ENGINEER JAN-APR 2015

Created first 1440p WM10 builds by resolving dependencies across 500 files
Integrated window scaling support for WM10 Continuum into OneCore
Implemented Continuum controls in the WM10 Display Settings

MICROSOFT OUTLOOK SERVICES ENGINEER MAY-AUG 2014

Prototyped creative native text messaging on WP8, Android and 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

Developed front-end for custom health CRM in Scheme

NEXJ SYSTEMS QA ANALYST MAY-AUG 2012

Assumed QA lead for ATBIS CRM, signed off beta deployment to 3000 users
Improved test speeds 10x by developing automated PDF utility in Python

PROJECTS

WEBGL INSIGHT

Chrome extension for debugging WebGL applications

21 DAY ADVANTAGE

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

KINECT VOICE CONTROLLER

Kinect 2.0 Windows desktop app to control music playback with voice commands

MODEL TRAIN CONTROLLER

Real-time operating system in ARM C to direct model trains around track without collisions

EDUCATION

UNIVERSITY OF WATERLOO BACHELOR OF SOFTWARE ENGINEERING 2016