
Skills

- Skills: Product and Program Management, Product Design, Problem Solving and Debugging
- Concepts: Defining key metrics, Customer Advocacy, Cloud offerings, Linux tooling
- Programming Languages: C#, C, C++, Java, Python, MATLAB, SQL, and Visual Basic

Education

Bachelor of Applied Science With Distinction, Waterloo, Ontario September 2013 – May 2018
Mechatronics Engineering, Honours, Co-operative Program, Management Sciences Option

- Graduated on the dean's list, and ranked 1st in class of 110 Engineering students

Work Experience

Program Manager II, Microsoft, Redmond, WA, United States August 2018 – Present
Software and devices Industry, Windows for Developers team

- Owned the Windows Subsystem for Linux (WSL) and defined its product vision to double monthly active device usage, and increase user retention by 30%
- Delivered significant new features, such as Linux GUI app support, file system speed increase up to 20x with WSL 2, and shipping a Linux kernel as part of Microsoft update
- Managed teams across multiple organizations within Microsoft to create necessary product telemetry views, such as impact to business objectives and key results (OKRs), retention, user funnels, etc.
- Drove WSL excitement through building a WSL community, by creating blog posts, tutorial videos on YouTube, speaking at conferences and more, totaling over 1 million views

Program Manager Intern, Microsoft, Redmond, WA, United States May – August 2017
Software and devices Industry, Worked on the Windows Console Team

- Proposed and implemented a change in the default console colors for the Windows Operating system, resulting in an article being featured in technology news website 'The Verge' to exhibit the new changes
- Wrote functional specs for 6 features and oversaw their implementation during the 4 month internship

Process Engineering Student, General Motors, Saint Catharines, ON September – December 2016
Automotive Industry, Powertrain Production Facility, Transmission Machining

- Implemented a camera to recognize and sort defects using optical recognition software and PLC logic
- Developed a program to create a readable quality report from OEM custom machine code in C#

Quality Engineering Student, Siemens, Konstanz, Germany January – April 2016
Postal Automation Industry, Global leader in automation, Airports and logistics division

- Designed and implemented a new tool calibration system and device to reduce calibration time by 40%
- Designed a PCB for the sensor's hardware interface, and programmed the user interface in C++

Technical Projects

WatVision, [watvision.github.io](https://github.com/watvision) September 2017 – May 2018

- Created a wearable product that allowed any visually impaired person be able to use any touch screen with the aid of a smartphone, developed using Java and OpenCV image processing
- Awarded the national James Dyson award for innovation, General Motors innovation award and 2nd place in people's choice award

Spot Me, spot-me-app.herokuapp.com August 2016 - Present

- Developed an open source application that uses deep learning algorithms to analyze your exercise form when using weights and provide personalized training advice, in C# on the Universal Windows Platform
- Collaborated with a graphics designer to develop product branding, resulting in a 3.5% conversion rate for subscriptions to product news and the application being featured on www.xboxdynasty.de

Extracurricular Activities and Interests

President of University of Waterloo Weightlifting and Fitness Club September 2015 – May 2018
Languages: Conversational German, French and Korean