

# Michael Knight

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## EDUCATION

**University of Waterloo**  
September 2011 – April 2016  
Honours Computer Science  
Software Engineering Option

## SKILL SUMMARY

Proficient in **Kotlin, Java, C#, C++** and others  
Superb **application development** skills  
Experienced with a variety of **SCM solutions**  
Well-versed in **software design patterns**

## SOFTWARE ENGINEERING EXPERIENCE

**Software Engineer II (SharePoint Web; Android) – Microsoft** August 2018 – Present

- Contributed excellent user-facing features and reliability fixes to SharePoint Online as well as the SharePoint Android application
- Developed software with modern tooling and languages (including Kotlin, Android Studio, React, and Typescript) to iterate quickly and with high quality

**Software Engineer II (Microsoft Edge) – Microsoft** July 2016 – August 2018

- Worked on a team to improve the user interface for Microsoft Edge using C++ and UWP
- Iterated on features by collaborating with designers to ensure customer delight
- Integrated telemetry and experimentation to receive customer feedback and metrics which were used for further feature development

**SDE Intern (Groove Music) – Microsoft** September – December 2015

- Developed new user experiences for the Groove Music and Movies & TV apps
- Focused on bringing great handheld experiences to the mobile applications
- Strived to provide a smooth user interface despite considerable gaps in the platform

**SDE Intern (SHIELD Hub; SHIELD UI) – NVIDIA** 2014

- Worked on two Android applications for the NVIDIA SHIELD gaming consoles
- Architected a user guide app framework for easy reusability across multiple devices
- Successfully developed great user experiences despite the SHIELD's unique form factor
- Reported defects on pre-release Android APIs and was tasked with getting a response from Google

**SDE Intern (BlackBerry 10 OS) – BlackBerry** May – September 2013

- Enhanced UI controls made for the Cascades SDK using C++ and the Qt framework
- Developed automated test code including unit and functional tests

**Freelance Developer** 2010–2013

- Created, supported, and sold Android applications originally designed for my father's small business on the Google Play Store and the BlackBerry App World
- Refined applications based on feedback received from user reviews and others