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