

Hunter Werlla

hunter.werlla.com | Seattle, WA

Experience

- **AWS** Seattle, WA
Software Engineer *February 2019 - Present*
 - **AWS Toolkit for Azure DevOps:**
 - Delivered new highly requested features to thousands of customers: .NET core 3 support, improved Lambda support, and additional service integrations like ECR.
 - Improved test coverage from 0% to 52% while refactoring the product for maintainability.
 - **AWS Toolkit For JetBrains:**
 - Designed and implemented a browser for CloudWatch Logs.
 - Helped design and implement executable management, S3, remote debugging, and Lambda features.
 - **Operations**
 - Automated build and deployment processes for multiple products including the AWS Toolkit for VS Code, AWS Toolkit for Azure DevOps, AWS Toolkit for Eclipse, and several internal products.
 - Rewrote canaries to run on AWS as well as redesigned them to be easier to write.
- **Microsoft** Bellevue, WA
Software Engineer *July 2017 - February 2019*
 - **Cortana Devices:**
 - Developed software that lead to better speech recognition than existing smart speaker devices: created tools for configuring hardware DSPs, integrated a software DSP into an embedded Linux application, and wrote additional software audio processing.
 - Designed and implemented software to control LEDs and hardware buttons.
 - **Cortana Client/Cortana SDK:**
 - Contributed to maintaining and improving the Cortana SDK, a C SDK and multi-language application layer that powers Cortana on Linux, Windows, iOS, and Android.
 - Redesigned and rewrote the audio layer, allowing for: easier porting to new platforms, an interface for end-to-end testing, and server-side use.
- **Microsoft** Redmond, WA
Software Engineering Intern *May 2016 - August 2016*
 - **IoT Automation Project:** Created and deployed an API to allow developers to automate events based on the location of employees with the aim of increasing security and employee satisfaction.

Languages and Technologies

- **Languages:**
Proficient: Kotlin, C, Typescript, Golang, C++, Java
Basic: Bash, C#, Python, Prolog
- **Technologies and Tools:**
AWS/Azure, Git, (Embedded) Linux, IoT, CI/CD, CMake, SQL, REST, CDK, Audio

Education and Honors

- **The University of Texas at Dallas** Dallas, TX
B.S. Computer Science, Summa cum laude *August 2014 - May 2017*
- **Eagle Scout:** 2013, Boy Scouts of America.