Hunter Werlla

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Experience

- **Microsoft**   Bellevue, WA
  Software Engineer   *July 2017 - Present*
    - **Cortana Client/SDK**: Contributed to the Cortana client, a C SDK and application project that runs on Linux, Windows, iOS, and Android. Built the device commanding and device discovery features used to control local iOT and media devices as well as improved stability, audio code, and mainlined forked support for Android after major codebase refactors.
    - **Cortana**: Contributed to creating core Cortana features including voice based feedback and platform changes for enterprise focused features

- **Microsoft**   Redmond, WA
  Software Engineering Intern   *May 2016 - August 2016*
    - **Automation Project**: Created and deployed an API to allow developers to automate events based on location of employees using work or personal devices.

- **OpNeAR Lab at UT Dallas**   Dallas, TX
  Undergraduate Researcher   *April 2015 - May 2016*
    - **Software Defined Networking Orchestrator**: Created a replacement for traditional networking protocols with an OpenFlow based orchestrator to route data prioritized for the needs of a university. Project was deployed to the University of Texas at Dallas data center in 2017.

Education

- **The University of Texas at Dallas**   Dallas, TX
  B.S. Computer Science, Summa cum laude   *August 2014 - May 2017*

Languages and Technologies

- **Languages**: Proficient: C, C#, C++, Java, Prolog
  Basic: Go, Python, Bash, Rust, Assembly, Typescript
- **Technologies**: CMake, Git, ALSA, SQL, REST, Azure/AWS, OAuth, JSON/XML
- **Tools**: Embedded Linux, Linux/UNIX, GDB, Vim, Visual Studio, IntelliJ, Windows, LaTeX

Selected Projects

- **Podman**: A podcast reader/player written to learn Golang. Podman can download and play any podcast indexed by iTunes, and has an intuitive console based interface.

Honors

- **Undergraduate Research Scholar Award**: 2015, Grant awarded to student researchers who undertake exemplary research.
- **Eagle Scout**: 2013, Boy Scouts of America.