Hunter Werlla

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EDUCATION

Bachelor of science, computer science, University of Texas at Dallas
Fall 2014-Present – **3.94/4.0 GPA**, Expected graduation spring 2017
- Collegium V Honors Program
- Dean's list.
- UT Dallas Undergraduate Research Scholar Award - 2015

EXPERIENCE

Microsoft - *SDE Intern*   Summer 2016
Created and deployed an API to allow developers to automate events based on location of employees using their phone and Microsoft's network infrastructure.
- Technologies Used: C#, Asp.net, Go, SQL

OPNEAR lab UT Dallas - *Undergraduate Researcher*   Spring 2015 - Spring 2016
Research under Dr. Andrea Fumagalli in using SDN to create a replacement for traditional networking protocols to route data better.
- Technologies Used: C++, Openflow, PERFSonar, REST, JSON

LANGUAGES

Advanced - C, Go

Intermediate - C#, Java, Rust, C++14, Assembly (x86 and MIPS)

Basic - Scala, Haskell

TOOLS

SQL

REST/JSON/XML

Git

LaTeX

Flex/Bison

PROJECTS

Chip8temu - Language/tools used: Rust, OpenGL, CPU documentation - Chip8temu is a chip8 emulator written in Rust. The project was created to learn Rust, and to practice using documentation to create an emulator.

TL13compiler - Language/tools used: C, Flex, Bison - This project was for the class "Compiler Construction". It compiles the toy language TL13 to C using Flex/Bison, a custom symbol table, and a custom parse tree.

Podman - Language/tools used: Go, JSON - Podman is a command line podcast app for browsing , listening to, and downloading podcasts.

VOLUNTEER WORK

UT Dallas Makerspace - *Student Tool Master*   Spring 2015-present
work as a volunteer Student Tool Master helping senior design students with fabrication, 3D printing, and programming