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EXPERIENCE

- **Utah State University** Logan, UT
April 2019 - September 2019
 - **Linux development:** I wrote drivers and utilities for a linux distro that was under development .
 - **Web Development:** I rewrote a java applet as a lamp application that allowed technicians to interface with a roadside weather information system.
 - **Python scripting:** I helped write a set of python scripts that interfaced the backend of the php web application mentioned above and the hardware the roadside weather information system was composed of(digital road signs, various sensors).
- **USU Get Away Special** Logan, UT
Jan 2014 - Oct 2016
 - Research Fellow and Software Developer*
 - **drivers written in C/C++:** I wrote a couple of drivers for the sensors on a student led Project that was building a Cube Satellite.
 - **python library:** I contributed to a set of python libraries that were a front end to the drivers mentioned above
- **Boomerang Systems** North Logan, UT
Summers of 2012 and 2013
 - Robotic Systems Tester*
 - **Software Testing:** My first experience working around code, I wasn't writing any software or tests but I was encountering C/C++ on a daily basis and Interpreting GCC/G++ output while running Autonomous Vehicles through various tests in various conditions to expose Bugs.

APPLICABLE SKILLS KNOWLEDGE

- **Programming Languages(from most to least proficient):** CL, Swift, Java, Kotlin, and Objective C.
- **Additional Tools and Languages:** Interface Builder, Javascript, PHP, Python, Groovy, XML, JSON
- **IDEs:** Visual Studio For Mac, Android Studio, Xcode
- **Shells, Build Tools, Frameworks:** XML(XAML), Gradle, Maven, Xamarin Storyboards(IB),Git and Github, Cocoapods
- **Build Tools:** Gradle, Maven, CocoaPods
- **Shells:** Bash was the shell I used exclusively until I got a Mac this year and now I use Zsh.
- **OSs:** Almost all of my development experience occurred in various flavors of Debian with a little bit of Redhat thrown in until I made a transition to macOS this year.
- **Additional Knowledge:** Datastructures, threading, Asynchronous Programming, MVVM MVC Architectures
- **Soft Skills:** I'm eager to learn and happy to be taught, I enjoy collaborating with others and teaching them what I can.