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github.com/madewithlinux

Josh Wright

750 Arch Stone
San Antonio, TX 78258

Education:

- **Texas A&M University**, College Station, TX   Fall 2014 - Present
  - Major: **Computer Engineering**
  - Expected Graduation: **May 2018**
  - TAMU GPA: **3.7**/4.0, Major GPA: **3.736**/4.0
  - Credit Hours: **65**
  - **Engineering Honors**, Member of **National Society of Collegiate Scholars**

Work Experience:

- Computer Nerdz of San Antonio, L.P: 2014 - 2015
  - Position: **Field Technician**
  - Responsible for house calls regarding computer-related issues such as malware removal and software setup
- Lowe's Home Improvement: 2015
  - Position: Customer Sales Associate
  - Responsible for helping customers achieve their home improvement goals
- Resonant Technology Partners: 2013 - 2014
  - Responsible for updating outdated software on computers
  - Remotely managed computers running Windows, using Kaseya and VBScript, developed methods of automating software updates

Technical Experience:

- Advanced system experience with **Linux** and **Windows**
- Experience servicing computer hardware, such as hard drives, RAM, displays, etc...
- Familiar with MATLAB, **Python**, **C++**, and Bash programming languages, **Microsoft Office** and LaTeX, git, HTML and CSS, limited experience with Java and Android Studio

Projects:

- CSCE 121: Wrote a clone of Minesweeper in C++ using the FLTK graphics library.
- ENGR 111: Designed, built, and programmed an autonomous robot to navigate a field with obstacles and manipulate them according to input (Fall 2014)
- ENGR 112: Designed, built, and programmed a machine to read an input barcode and dispense a specified combination of pellets autonomously (Spring 2015)
- Multithreaded utility to synchronize a disk and disk image using hash sums to quickly find outdated blocks. github.com/madewithlinux/disk_sync
- proof of concept demonstrating an algorithm to discretely encode data in the least significant color bits of a PNG image. github.com/madewithlinux/image_steganography
- utility to index and search files, with the result order weighted by usage frequency. github.com/madewithlinux/FileFind

Organizations:

- Aggie Coding Club   • MSC Aggie Cinema   • Christian Engineering Leaders

Notable Awards:

- **Eagle Scout** project: protective fence around air-conditioning units at local church   May 2012
- Presidential Service Award: 150 volunteer hours   2012

- BEST Robotics Competition: 5th place at state-wide competition 2012 and 48th place in 2013