

j0sh@tamu.edu  
(210) 863-2236  
github.com/madewithlinux

# Josh Wright

750 Arch Stone  
San Antonio, TX 78258

## Education:

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- **Texas A&M University**, College Station, TX Fall 2014 - Present
  - Major: **Computer Engineering**
  - Expected Graduation: **May 2018**
  - TAMU GPA: **3.538**/4.0, GPA: **3.55**/4.0
  - Credit Hours: **51**
  - **Engineering Honors**
  - Member of **National Society of Collegiate Scholars**
- High School: Graduated May 2014
  - **Home school**
  - GPA: **4.0**/4.0, including **Dual Credit** and **AP**

## Work Experience:

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- 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
  - Remotely managed computers running Windows, using Kaseya and VBScript
  - Responsible for updating outdated software on computers
  - Developed methods of automating software updates

## Technical Experience:

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- 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, limited experience with Java and Android Studio

## Projects:

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- 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
- [github.com/madewithlinux/disk\\_sync](https://github.com/madewithlinux/disk_sync): utility to synchronize a disk image using hash sums to quickly find out of date blocks
- [github.com/madewithlinux/image\\_steganography](https://github.com/madewithlinux/image_steganography): proof of concept demonstrating the potential to discretely encode data in the least significant color bits of a PNG image
- [github.com/madewithlinux/FileFind](https://github.com/madewithlinux/FileFind): utility to index and search files, with the result order weighted by usage frequency

## Organizations:

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

## Notable Awards:

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- **Eagle Scout** project: protective fence around air-conditioning units at local church May 2012

- Presidential Service Award:
  - Awarded for completion of 150 volunteer hours in 2012
- BEST Robotics Competition:
  - 5<sup>th</sup> place at state-wide competition 2012 and 48<sup>th</sup> place in 2013

2012