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`Joshua-Wright.github.io`

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**

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, CSS and JavaScript, Java, Android

Projects:

- CSCE 121: Designed and programmed a clone of Minesweeper in C++ using the FLTK graphics library. Included custom level size and mine concentration, and robust debugging (cheating) options
- 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)
- Proof of concept demonstrating an algorithm to discretely encode data in the least significant color bits of a PNG image. `github.com/Joshua-Wright/image_steganography`
- Utility to index and search files, with the result order weighted by usage frequency. `github.com/Joshua-Wright/FileFind`

Work Experience:

- Texas A&M Help Desk Central   2015 - Present
  - **Student Worker**
  - Responsible for helping customers with computer-related or A&M system related issues
- 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  - Responsible for updating outdated software on computers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

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