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Joshua-Wright.github.io

Josh Wright

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San Antonio, TX 78258
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Education:

- **Texas A&M University**, College Station, TX May 2018
Computer Engineering, Bachelor of Science; Minor in Math
Major GPA: 4.0/4.0, Overall: 3.817/4.0
Tuition: 20% scholarships, 42% work

Technical Skills:

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|------------------|-------------------------------|-------------|----------------------|--------------------|
| • Programming: | C++
LaTeX | Java
Git | Python
JavaScript | MATLAB
HTML/CSS |
| • Linux, Windows | • Computer hardware servicing | | | |

Work Experience:

- **Cisco Systems** | Richardson, TX May - August 2016
Software Engineering Intern
Worked on back-end systems in Java
Implemented new functionality and extending existing codebases
- **Texas A&M Help Desk Central** | College Station, TX 2015 - Present
Student Worker - Technical Lead
Leadership role in personal computer repair and support
Customer service with computer and A&M system related issues
- **Computer Nerdz of San Antonio, L.P.** | San Antonio, TX 2014 - 2015
Field Technician
House calls regarding computer-related issues such as malware removal or software setup
- **Resonant Technology Partners** | San Antonio, TX 2013 - 2014
IT Support Intern
Developed utilities to remotely update software on managed computers

Projects:

- 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
- Tic-tac-toe ideal move map
Minimax algorithm to generate a map of ideal moves in response to every possible opponent move, and render them as a map for intuitive traversal
- CSCE 121: (Team of 4) Fall 2015
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 112: (Team of 16) Spring 2015
Built a machine to read an input barcode and dispense the correct pellets autonomously
- ENGR 111: (Team of 4) Fall 2014
Built an autonomous robot to navigate a field with obstacles and perform tasks

Scholarships, Honors, and Awards:

- TAMU Computer Science and Engineering Honors 2015 - Present
- Tau Beta Pi Engineering Honors Society 2017
- National Society of Collegiate Scholars 2015 - Present
- Elkin Scholarship in Computer Science and Engineering 2015 - Present
- Dwight Look College of Engineering Student Scholarship 2015 - Present
- Boy Scouts of America Eagle Scout Award 2012

Organizations:

- Aggie Coding Club
- MSC Aggie Cinema