

David Hernandez

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SUMMARY

Young, motivated, and greatly skilled student willing to complete any task that is given. Believe to have the skills necessary to complete tasks given. Easily Motivated. Great leadership skills as well, due to my previous enrollment in JROTC as a Command Sergeant Major and other various leadership positions. Most recently, have been involved in First Robotics and Community based projects with the local public library to create an efficient maker space for all ages.

COMPUTER SKILLS

Maintenance

- A+ Certified, PC Pro Certified, Network Pro Certified
- Computer and phone repair
- Basic server and design setups
- SOHO setups (Patch panels and keystone installations)

Software knowledge

- OS: Windows XP - Server 2012, Linux (Debian) , Mac OS X 10.5-10.10, IOS and Android
- Microsoft Word and PowerPoint
- Adobe Photoshop
- SolidWorks 2014 and 2015
- Most mainstream software

EXPERIENCE

Electronics Repair

- 6 years of hands on experience with computer repair and electronic components.
- Arizona Skills USA 1st Place winner in Computer Maintenance Technology 2014
- 6 month Penetration testing (physical and virtual)
- 3 year leadership involvement with JROTC and DLA (Diversity Leadership Alliance)

EDUCATION

METRO TECH HIGH SCHOOL (A+ SCHOOL)

- Computer and Networking and Game and App development
- CCNA, and Security+ courses are currently being taken.
- Currently working on Network + and Security Pro Certifications.
- Trilingual in English, Spanish, and ASL (American Sign Language)

Arizona State University

- Pursuing a Bachelor's degree in Computer and Systems Engineering (Information Assurance)

INVOLVEMENTS

- Computer and Systems Engineering
- FIRST Robotics Club Member (FRC & FTC)
- Volunteer work at Burton Barr Public Library
- Maker Space involvement

PRESENTATIONS

How secure are you?

- After discovering a huge vulnerability in our High School district's network we were asked to give a presentation on how to secure passwords. (We being my Pen-Testing partner)
- Audience consisted of over 200 faculty members. Location: Confidential

How does the internet work?

- This presentation consisted of almost every aspect of how the internet works in clear detail.
- Physical models where used to demonstrate encryption and encapsulation. Location: Burton Barr Public Library

How does a noob penetrate a wireless network?

- This presentation was a follow along demo on how to penetrate a network and covered how the 3 way handshake works and how it is acquired using several Kali Linux
- Audience consisted of network security enthusiast. Location: Arizona State University

How to secure your wireless network.

- **This presentation consisted of the three main encryption methods for a home wireless network (WEP, WPA-PSK, WPA2-PSK). In addition, participants learned how to learn more about a client.**
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