Augustine Solis

https://github.com/mrsolis93

SUMMARY

Aspiring cybersecurity professional with a strong interest in ethical hacking, penetration testing, malware development and network security. Hard-working, energetic, personable, and technical-minded individual.
- Experience in scripting languages including Python and Bash
- Excellent task management. Ability to handle multiple projects simultaneously.
- Experience with security toolkits such as Kali Linux, C2 Frameworks, and Burp Suite

EDUCATION

Texas A&M University RELLIS, College of Engineering, College Station, Tx - **August 2023**
Bachelor of Science, Computer Science

Blinn College, College of Engineering, Bryan, Tx **- 2019-2020**
Associates of Science, Computer Science

Texas A&M University, College of Engineering, College Station, Tx **- 2011-2012**
Bachelor of Science, Computer Science

RELEVANT PROJECTS AND COURSEWORK

IRONSIGHT - Development of Cyber Range Deployment, Analytics and Management tool that helped students and administration with CS curriculum implementation. Full stack application developed using React, Typescript, CSS, Python, SQL and a dash of PHP.
OSCP Prep- Various learning Paths on TryHackMe Platform(Pentesting and Red Teaming), HackTheBox CTF materials in preparation for OSCP certification
COURSEWORK - Data Structures and Algorithms, Advanced Network Security and Management, Industrial Control Systems and Cybersecurity, Cryptography, Mobile Programming(Swift iOS Projects), Web Programming and Interfaces(React Projects)
3 Axis AI PTZ Camera - Built using 3D printed gears, bearings and casing. A combination of Arduino, Raspberry Pi 4, stepper motors and drivers, touchscreen and 64MP Autofocusing Camera. Programmed using C++ and Python to allow for AI object tracking.
Hydra - 5 Axis CNC machine designed to use multiple heads to 3D Print and machine multiple materials on a large scale (4'x12'x5')

ADDITIONAL EXPERIENCE

Binary Space, College Station, TX, Makerspace Manager   **July 2015 - May 2016**
3D Distributed, Conroe, TX, CNC Machinist   **May 2016- Dec 2018**

SPECIALIZED SKILLS

Programming Languages: Java, Python, C++, Swift, ARM Assembly, SQL, JavaScript, HTML, CSS, React
Cyber Related: Wireshark, Nmap, TCPDump, Burp Suite, Metasploit, John/Hashcat, Responder, Bloodhound, Kerberoasting, Active Directory, Powershell, Nessus, OSINT,
Programs: Autodesk, AutoCAD, Fusion360, Inventor, Maya, Adobe Creative Suite, Photoshop, Illustrator, Premiere, Final Cut, Inkscape, Microsoft Office
Operating Systems: Windows 11, Mac OS , Linux (Kali,Ubuntu,PopOS)
Circuit Development: Eagle, PCB construction (photo- and film-resist methods and CNC Milling), reflow soldering
Fabrication Skills: Operation of lathes and mills, Utilization of G code for CNC machining. tig, mig welding, 3D printing, drills, sawing, wiring, soldering, multimeters, oscilloscopes