RYAN DEWEY

Forward-thinking Computer Scientist with a diverse skill set in Cyber Security, Ethical Hacking, AI/ML/RL, and Blockchain Technologies. Experienced in developing secure, automated systems and leveraging advanced technologies to drive innovation across multiple domains. Passionate about solving complex technical challenges, optimizing digital infrastructures, and integrating cutting-edge solutions to enhance security, efficiency, and scalability.

Technical Skills, Tools, & Software

- C++, Python, MySQL, Java, SC, ASM, HTML
- AI, ML, RL, AI-Driven Automation
- Git/GitHub, IDEs, TensorFlow, PyTorch
- Burp Suite, Nessus, OpenVAS, Wireshark
- Solidity, Ethereum Frameworks (Truffle,Hardhat)
- Blockchain Security, Smart Contracts, DApps
- Web3 Libraries
- Ethical Hacking, Offensive Security, SIEM
- Vulnerability/Security/Malware-Analysis
- Cryptography, Encryption
- Linux/Kali, Ubuntu, MacOS, RPI, Windows
- VMWare, VirtulBox
- Firewall Configuration (Palo Alto, Cisco ASA)
- TCP/IP, WAN/LAN, DNS, DHCP, Subnetting
- Network-Admin/Security/Monitoring/Firewalls
- AWS, Azure, GCP, Docker, Kubernetes
- CI/CD Pipelines (Jenkins, GitHub Actions)
- Quantum Computing, Quantum Algorithms, PQC

Experience

Assistant General Manager

STEAK EXPRESS, San Angelo, TX *January 2019 - Present*

- Assisted in overseeing daily operations of the company, including managing staff, coordinating schedules, and ensuring efficient workflow
- Collaborated with the general manager to develop and implement strategic plans to improve business performance and achieve organizational goals
- Developed and implemented quality control measures to ensure consistent delivery of high-quality products or services
- Resolved escalated customer complaints promptly by addressing concerns professionally and finding suitable solutions
- Monitored customer feedback through surveys or other channels to identify areas for improvement and implemented appropriate action plans
- Ensured compliance with company policies, procedures, and regulatory requirements across all departments
- Managed inventory levels to optimize stock availability while minimizing excess inventory costs
- Played a key role in recruiting, training, and mentoring new employees to ensure a high-performing team

Cyber Security Analyst

ANGELO STATE UNIVERSITY, San Angelo, TX

June 2024 - October 2024

- Monitored and analyzed security events and incidents to identify potential threats and vulnerabilities
- Utilized SIEM tools to investigate, triage, and respond to security alerts in a timely manner
- Generated reports on security incidents, trends, and metrics for management review
- Responded promptly to cybersecurity incidents by following established protocols
- Conducted vulnerability assessments using various scanning tools
- Analyzed malware samples for identification of potential threats
- Maintained awareness of current cybersecurity trends, tactics, techniques, and procedures (TTPs)

Desktop Technician

ANGELO STATE UNIVESRITY, San Angelo, TEXAS

September 2020 – January 2021

- Installed and performed minor repairs to hardware, software and peripheral equipment, following design, and installation specifications.

- Resolved hardware and software related problems on desktops, laptops, printers and other peripherals.
- Troubleshot network connectivity issues for both wired and wireless devices.
- Deployed corporate images to multiple computers using imaging tools.
- Provided technical support to customers in person, over the phone and via email regarding desktop issues.

Education

Bachelor of Science in Cybersecurity

Angelo State University, TX

Graduated December 2024

Bachelor of Science in Computer Science

Angelo State University, TX

Graduated December 2024

Associate of Science in Computer Science

Howard College, TX *Graduated*

January 2021

Certification

Cybersecurity Technologies Certificate

CompTIA Security+ (In progress)