

WILLIAM DEDOMINICO

willdedominico@proton.me | 512-803-2115 | moriz82.github.io | linkedin.com/in/wdedo

EDUCATION

The University of Texas at San Antonio

BBA – Major: **Cyber Security**, Major: **Information Systems**

Expected Graduation: **December 2026**

CERTIFICATIONS

- CompTIA Network+, CompTIA Security+
- Google Cybersecurity
- HTB Mini Pro Lab Full House
- HTB Certified Penetration Testing Specialist [In-Progress]

TECHNICAL SKILLS

- **Programming Languages:** Python, Bash, SQL, Java, Swift, C#, C++, TypeScript / JavaScript
- **Program Experience:** Microsoft Office, Nmap, Burp Suite, and common Kali tools
- **Operating System Experience:** Windows, GNU/Linux, OpenBSD, MacOS
- **Reporting Frameworks:** NIST, MITRE ATT&CK, CVE analysis, and SIEM event correlation principles

EXPERIENCE

Technical Support Advisor- Apple, Remote

May 2024 - January 2025

- Provided technical support for Apple products, troubleshooting over 30+ software, hardware, and network issues daily, enhancing resolution efficiency and customer satisfaction, along with customers' security related concerns, including password management, account security settings, and phishing attempts
- Collaborated with cross-functional teams to escalate and resolve complex technical issues, along with contributing a 45% improvement in resolution time and 100% Customer Satisfaction score

Cyber Operations Intern- Texas Department of Public Safety, Austin, Texas

July 2022 - August 2022

- Executed simulated phishing attacks internally to assess security vulnerabilities and enhance staff awareness
- Utilized Splunk Enterprise and Splunk SOAR to monitor and analyze security events
- Managed and configured firewall systems, web content filtering, secure email gateways, IPS/IDS, and proxy services, including Fortinet, Palo Alto, Cisco Systems, and the Cherwell Service Management

EXTRACURRICULAR ACTIVITIES

Second Place, UTSA IoT Penetration Testing Competition

Summer 2025

- Recognized for advanced vulnerability assessment and network exploitation in a team-based challenge

Team Member, Collegiate Cyber Defense Competition – CCDC

Spring 2026

- Practiced defending enterprise-scale networks against live red-team attacks at a competitive level

Team Member, Collegiate Penetration Testing Competition – CPTC

Fall 2025

- Conducted simulated client-style penetration test with formal reporting and presentation

Finalist, UND CyberHawks National Capture the Flag

Fall 2025

- Solved advanced CTF challenges across cryptography, reverse engineering, and network exploitation.

Platinum, Hack The Box Season 8

May – Aug 2025

- Solved advanced CTF challenges across cryptography, reverse engineering, and network exploitation.

PROJECTS

Cyber Range HomeLab: Set up a Proxmox cluster with a cisco router and refurbished enterprise servers to simulate vulnerable Windows machines and Kali attack machines. Allowing for triage of any malware or vulnerability assessment in a LAN environment

3D Printed Satellite Antenna: Created custom antenna's to capture downlink of NOAA and GOES weather satellite data in the L-Band range. Utilizing CAD designed antennas coupled with a software defined radio to demodulate and process satellite imagery

ML Real-Time Health Analyzer [Melody Match]: Co-created an AI/ML heartbeat analyzer application detecting stress levels and plays suggested music based on predicted data. The project utilized the ESP8266's onboard WIFI to transmit live data to an IOS application