

Emanuel Botros

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EDUCATION

University of Central Florida

- Bachelor of Science in Information Technology May 2020 - May 2025
- Minor - Cybersecurity and Networks
- Awards - President's List (Fall 2022, Spring 2023, Fall 2023) - Florida
Bright Futures - National Scholars Award - Dean's List (Spring 2022)

SKILLS & CERTIFICATIONS

- Security & Software Tools - (Nmap, Wireshark, Metasploit, Kali Linux, Splunk, VMware)
- Certifications - (CompTIA Security+, AWS Academy Cloud Security Foundations, Test Out IT Fundamentals Pro)
- Programming & Scripting - (Python, Java, C++, SQL, Powershell, Bash, JavaScript)
- Networking - (TCP/IP, DNS, DHCP, VPN, Cloud Security, AWS, Azure)
- IT & Security Protocols - (IT Management, Incident Response, Risk Assessment, Data Analysis, Cryptography, SOAR)
- System Administration - (Windows Server, Linux, Unix, Ubuntu, iOS, MacOS)

PROFESSIONAL EXPERIENCE

Technical Consultation Agent

Nov 2024 - Jan 2025

Geek Squad · Seasonal

Melbourne, FL

- Assisted customers in securing their devices by implementing antivirus solutions and conducting vulnerability scans all around to make sure no risks or threats exist on any network.
- Resolved customer issues by installing, configuring, and repairing software, performing data backups, and optimizing system performance all around the store.
- Delivered exceptional customer service by explaining technical problems and solutions in an accessible way, enhancing customer satisfaction and contributing to a 20% increase in customer loyalty.

PROJECTS

- **Three-Tier Distributed Database Application**
 - Collaborated on the logic aspects of a database application that helped find a way for users to interact more while documenting users' data and securing task written in Java and SQL using Apache Tomcat to run the server.
- **To-Do List GUI Application**
 - Developed an App that assigns and secures notes for users' written in Java using GUI. The App provides a level of protection and security while using multi-factor authentication, strong passwords, and backups.
- **Shopping Cart GUI Application**
 - Engineered an App from scratch with 5 of my IT colleagues using Python and Java to create a GUI platform that selects, stores, and manages items. The App lets you buy, change quantities, and get the overall total cost securely.

ACADEMIC INVOLVEMENT

- **UCF Collegiate Penetration Testing Competition (CPTC) – Competitor** May 2024
 - Worked on several projects that involved bridging and addressing the gap in cybersecurity skills by educating other college students on technology, communication, and collaboration.
- **Hack @ UCF – Officer** Jan 2023
 - Joined UCF's #1 cybersecurity club to learn more about network security fundamentals and concepts as well as familiarize myself with topics relating to information security and cloud computing.
- **Capture the Flag Cyber Competition - (CTF) Competitor** Nov 2022
 - Participated in all sorts of challenges and tasks that involved going through various sub-domains to find a hidden file or a piece of information known as the flag in a reasonable time frame.
- **National Society Of Leadership & Success (NSLS) - Committee Member** Aug 2022
 - Involved in numerous leadership and success-related projects and meetings to create better connections and improve my networking skills among students/colleagues all around UCF.