

# Emanuel Botros

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## EDUCATION

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University of Central Florida

- Bachelor of Science in Information Technology
- 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)

*Expected Graduation: May 2025*

## SKILLS & CERTIFICATIONS

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- 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

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**Technical Consultation Agent**

Geek Squad · Seasonal

Nov 2024 - Jan 2025

Melbourne, FL

- As a Technical Consultation Agent at Geek Squad, I assisted customers in a seasonal role where I helped to secure 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

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- **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 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

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- **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.