

# Adriel L. Barzola

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## Education

**Bachelor of Science in Computer Science**

**May 2026**

**Minor: Mathematics**

Dean's List | GPA: 3.75

*University of Florida – Herbert Wertheim College of Engineering – Gainesville, FL*

## Work Experience

**Field Technician**, Algomat Group Inc.

August 2022 – December 2022

*Doral, FL*

- Deployed structured cabling for security camera systems, speakers, and Wi-Fi for residential, corporate offices, restaurants, and school buildings.
- Installed and configured Wi-Fi Access Points through wired networks.
- Replaced and corrected defective networking and cabling hardware.

## Projects

**Home Lab**

May 2023 – Present

- Simulated a real-life server with a Raspberry Pi computer, including technologies like Fail2Ban, SSH, LDAP server, SQL databases, and basic Websites.
- Configured a Kali Linux virtual machine to test for vulnerabilities of my server and complete CTF challenges.

**Programming**

*Blackjack*

June 2022

- Developed the fundamentals of a game of Blackjack which included all the essential blackjack moves and in-game statistics in Python.

*Sudoku*

December 2022

- Assembled a fully-fledged sudoku game with the help of 3 other team-members, using the Pygame library.

## Involvement

**Security Information Team (UFSIT)**, University of Florida

September 2023 – Present

*CTF Team Member*

- Participated in Capture the Flag (CTF) competitions worldwide, emulating real-world penetration testing techniques on simulated systems analogous to production products and companies.
- Researched innovative attack vectors to test each system through Bash and Python scripting, Burp Suite, and Metasploit.

**Society of Hispanic Professional Engineers (SHPE)**, University of Florida

August 2022 – Present

*SHPE National Member*

- Attended professional workshops aimed at improving resume building, elevator pitch, and advice to succeed in the workplace.

## Certifications

**Security+ Certification** – CompTIA

July 30, 2021

- Certifies the knowledge and skills necessary to perform core security functions required of any cybersecurity role.

**Cybersecurity Professional** – University of Miami

July 25, 2021

- Certifies the knowledge and skills pertaining to Active Directory, terminal fundamentals, user permissions, networking management, and dead and live analysis of Windows and Linux systems.

**CompTIA Pentest+** – TryHackMe

July 22, 2021

**Complete Beginner** – TryHackMe

July 16, 2021

**Pre-Security** – TryHackMe

July 6, 2021

## Skills

**Technical Skills:** Python, C++, Bash, Active Directory, Linux Security, Network Security, Microsoft Security, Penetration Testing, Metasploit, Firewall Configuration

**Languages:** Spanish & English - Fluent