Yehonatan Cohen

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Summary

Computer Science student in the Burnett Honors College at UCF (expected May 2030), seeking a software or firmware internship. I build and reverse-engineer real systems, from networks to self-hosted infrastructure.

Education

University of Central Florida, Orlando, FL

B.S. in Computer Science, Burnett Honors College. Expected May 2030.

Experience

Cohen Consulting LLC, Associate (Part-time, January 2024 to present)

- Oversaw networking and IT infrastructure and designed secure, scalable systems supporting company operations.
- Architected the corporate website (cohenconsultingllc.com) and built listingauthority.io, a real-time crypto-listing intelligence platform with automated exchange monitoring, a PostgreSQL backend, and alert distribution.

Michael-Ann Russell Jewish Community Center, IT Intern (June 2025 to May 2026, Miami, FL)

- Troubleshot employee computer issues, managed hardware upgrades and networking, and automated manual tasks to improve IT efficiency.

The Burnett Honors College, University of Central Florida, Honors Scholar (June 2026 to present)

Projects

- **UniFi Network Automation Toolkit.** Built a toolkit controlling a UniFi Cloud Gateway over the Chrome DevTools Protocol, with automated TOTP login, dynamic DNS, and live traffic inspection.
- **Home Gateway Reverse Engineering.** Reverse-engineered a fiber gateway down to its UART console and built a custom dashboard around its firmware interface.
- **Protocol Emulators.** Built browser-based IBM terminal emulators (TN3270, TN5250) and a multi-dialect GDS host emulator, open-source on GitHub.

Certifications

- Certiport Information Technology Specialist in Networking – April 2025
- CompTIA ITF+ Certification – May 2024

Honors and Awards

- Miami-Dade County Public Schools ESE Awards of Excellence: finalist and recipient (2024), nominee (2023)
- iPrep Leadership Award (2022); Outstanding Science Student Award (2022); Excellent Effort in Mathematics (2022)
- National Honor Society member (2023-2024); Superior and Regular Honor Roll (2021-2024)

Skills & Abilities

- Python, JavaScript, SQL, HTML, Bash; Linux administration, WireGuard, VLANs and DNS, reverse engineering, Git, PKI; macOS, Windows, Linux