

Jaydyn Davis

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Professional Summary

Cybersecurity student with strengths in defensive security, system configuration, and threat analysis. Looking for an internship where I can contribute and grow in the security field.

Education

Hofstra University, Hempstead, NY
Bachelor of Science in Computer Science & Cybersecurity
Minor in Finance
Expected Spring 2027

Honors & Achievements

Dean's List (4x) - Fall 2023, Spring 2023, Fall 2025, Spring 2025
National Society of Leadership and Success (NSLS) - Inducted Member

Relevant Coursework

Fundamentals of Cybersecurity, Ethical Hacking, Data Communications and Networking, Network Security, Operating Systems, Software Engineering, Data Structures and Algorithms, Intro to Cryptography

Cybersecurity & Software Expertise

- Blue Team & SOC Skills: Phishing Detection & URL Analysis, Linux Log, Process & File Forensics, Network Traffic Inspection (Wireshark, tcpdump), Secure Linux & Network Configuration, Identity & Access Management (LDAP, SSH)
- Security Operations & Hardening: TLS/HTTPS Certificate Generation, Validation & Deployment, DNS & SSH Service Hardening (Apache, bind9, OpenSSH), System Monitoring, Logging & Auditing, Network & Host-Based Threat Identification
- Offensive Knowledge (Defensive Context): Attack Pattern Recognition & Exploit Behavior Analysis, Vulnerability Validation & Mitigation, Malicious Network & Binary Artifact Analysis, GDB-Assisted Exploit Reproduction & Root-Cause Analysis (Assembly/Stack; Buffer Overflows)
- Tools & Languages: C, C++, Assembly, Python, Java, Bash, Rust, Linux (multiple distros), Git/GitHub

Projects

Phishing Analysis Pipeline (Rodman)

- Automated phishing detection pipeline that analyzes URLs using threat intelligence, TLS metadata, and sandboxed VM analysis to generate SOC-style risk verdicts.

jLedger, Personal Finance Ledger Platform

- Personal finance ledger with append-only transaction history, JWT refresh token rotation (HttpOnly cookies), and role-based access control; PostgreSQL/Prisma backend with Jest/Supertest integration tests.

SecPipe (Security Telemetry Pipeline)

- Python security telemetry pipeline with ATT&CK-mapped detections and multi-format export.

Work Experience

Snapology — STEM Teacher January 2024 - Present
Westbury, NY

- Lead STEM instruction for 100+ students using LEGO robotics, developing problem-solving, teamwork, and foundational technical skills through adaptive, engaging lessons.

The Coder School — Coding Coach March 2023 - November 2023
Bellmore, NY

- Mentored 100+ students in Python & Scratch through project-based learning, translating complex programming concepts into clear, age-appropriate instruction.