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# Daniel Chavez

**EDUCATION**

**College Of The Holy Cross**

*Bachelor of Art/Sciences in Computer Science*

**Scholarships:** D.C. Scholarship, Faber Scholarship, Holy Cross Grant, Holy Cross More Than One Grant

**Relevant Coursework:** Data Structures, Techniques of Programming, Intro to Cyber Security, Analysis of Algorithms, Computer Systems & Organization, Discrete Structures, Networking, Cybersecurity

**Worcester, Massachusetts**

Expected Graduation: May 2026

**PROFESSIONAL EXPERIENCE**

**APEX [Finance](#)**

Front and Backend Application Developer

- APEX Finance is a comprehensive stock brokerage application that allows users to view, purchase, and sell stocks on the New York Stock Exchange (NYSE).
- In addition to trading functionality, APEX Finance provides an asset allocation calculator, an integrated stock API interface, and advanced AI-powered chart analysis tools.
- The platform is built using JavaScript, Python, SQLite, and the Django and Flask frameworks, leveraging AI APIs for enhanced user experience.

**Worcester, Massachusetts**

August 2024 – Present

**College Of the Holy Cross ITS Department**

*Information Security and Vulnerability Management Intern*

- Utilized industry-standard InfoSec tools, including Arctic Wolf, Palo Alto, Nessus, Rapid7, and Google Suite
- Spearheaded the transition from Nessus to Rapid7 for vulnerability scanning and management; responsibilities included interpreting scan results, performing asset discovery, generating asset reports, and pushing critical updates
- Skills Learnt: Information Security, Risk Management, Standard Operating Procedure (SOP), Incident Response

**Worcester, Massachusetts**

May 2024 – August 2024

**Linkedin Learning, Cybrary**

*Offensive Penetration Testing [Certificate](#)*

- Learned topics regarding fundamentals of penetration testing, such as Metasploit, SQLMap, Hashcat, Hydra, Nmap, package capture
- Developed a comprehensive understanding of cybersecurity principles and the methodologies used to execute cyber-attacks
- Skills Learnt: Penetration Testing, Vulnerability Assessment, Security Tools Proficiency (Nmap, Wireshark, Metasploit, SQLMap, Meterpreter), Network Security, and OSCP

**Glendale, Arizona**

July 2024 – July 2024

**Rice Venture Capital & Private Equity Club**

*Front and Backend Web Developer*

- Coded a simple website for the Rice Venture Capital using PHP, HTML, CSS, and JavaScript
- Used PHP and XAMP Apache to collect emails and place them into a SQL database for patron newsletters
- Skills Learnt: XAMP Apache, PHP, CSS, JavaScript, HTML, SQL, Databases

**Glendale, Arizona**

August 2023 – December 2023

**Tandon School of Engineering at NYU**

*Introduction to Cyber Attacks [Certificate](#)*

- Introductory course detailing various malware, cyber-attacks, and real-world applications use such as Kali Linux, NMAP, Wireshark, and Brute force tools such as Hydra and John the Ripper
- Skills Learnt: Cybersecurity, Information Security (INFOSEC), Denial-Of-Service-Attack, Risk Assessment

**Glendale, Arizona**

May 2023 – August 2023

**LEADERSHIP & INVOLVEMENT**

**The Computer Science and Mathematics Club**

*General Member & Secretary*

- Recorded club meetings, managed scheduling, and ensured the organization and accessibility of club documents

**Worcester, Massachusetts**

August 2023 – Present

**Latin American Student Organization**

*General Member*

- Assisted and hosted events for LASO regarding the diverse and complex cultures of the Latinx communities

**Worcester, Massachusetts**

August 2022 – Present

**SKILLS & INTERESTS**

**Skills:** Java, Python, C++, HTML, php, Kali Linux, Wireshark, Nmap, CSS, XAMP, Vscode, Arctic Wolf, Palo Alto, Nessus, Rapid7, Google Suite

**Interests:** Coding, Hacking, and Weightlifting | Languages: Fluent in English; Conversational Proficiency in Spanish