

Fabio Hinojosa Jimenez

Cleveland, OH | <https://fabiohinojosa-7cb7d.web.app/> | [LinkedIn](#) | (216)-553-9144 | fabiohj7@gmail.com

Summary

A passionate and motivated Computer Scientist with a strong interest in cybersecurity, particularly offensive security. Committed to continuous personal and professional growth. A proactive learner who consistently seeks to expand his skill set, bringing a unique blend of creative problem-solving, persistence, and great ideas to every project. Recognized for a strong work ethic and a drive to tackle complex security challenges.

Education

Bachelors of Science in Computer Science

Graduated: December 2024 – **GPA:** 3.15

Cleveland State University; Cleveland, Ohio

Technical & Soft Skills

Soft Skills: Leadership, Problem solving, Time management, Critical thinking, Team collaboration, Creative

Certifications: Certified Bug Bounty Hunter (CBBH) (In progress), Certified Defensive Security Analyst (CDSA)(In progress)

Programming Languages: C, C++, Python, SQL, HTML, CSS, JavaScript, x86 Assembly, Swift

Relevant coursework: Internet of Things (IoT), Computer Security, Computer Networks, Operating Systems

Work Experience

Software Engineering Intern - AssureSoft - Cochabamba, Bolivia - May 2022 to July 2022

- Collaborated on developing a web application to monitor the training of new developers.
- Implemented 10+ unit tests, improving code coverage by 40% and reducing production bugs.
- Applied **Agile Methodologies**, client-server architecture, API development, and source control management
- **Technologies:** Angular, JavaScript, Typescript, HTML, CSS (BEM), Git, NestJs, Type ORM, SQL, Postgres SQL

Cybersecurity Research Assistant – Cleveland State University - Cleveland, OH - April 2023 to July 2023

- Developed a virtual reality-based cybersecurity training experience in Unity to simulate and visualize cyberattacks used by 30+ students/employees.
- Conducted vulnerability scans and assessed the security system for potential weaknesses.

Software Engineer – Axion Labs - Cleveland, OH - May 2025 – August 2025

- Engineered a cross-platform automation system to streamline job acquisition and acceptance workflows, boosting production efficiency by 60%.
- Designed and deployed a containerized infrastructure using Docker, enabling scalable multi-image deployments.
- Architected and implemented a PostgreSQL database schema enabling the identification of system bottlenecks and inefficiencies, leading to a 40% reduction in failure rates.

Personal Projects

Custom Wi-Fi Pineapple

- Developed a Wi-Fi penetration testing device using a mini router and USB Wi-Fi adapter.
- Executed real-world wireless security tests, including Evil Twin, PMKID, and Karma attacks.

Virtual Network Infrastructure using Proxmox

- Deployed a Proxmox-based virtual network for ACM club activities.
- Managed user accounts and provisioned virtual environments, enabling diverse experimentation.

Leadership and Organizations

President | Association for Computer Machinery (ACM) - January 2024 to Present

- Founded the university's ACM chapter, fostering a collaborative environment for students.
- Designed and implemented an innovative engagement tool using a Discord bot that gamifies practice problems from competitive programming websites, driving increased member skill development.

President | Robotics Club - July 2023 to May 2024

- Led a team of 30+ students in preparations for the **NASA Lunabotics** competition, focusing on designing and constructing a rover tasked with mining lunar soil and building berms.
- Developed a navigation system using a **ROS** to enable reliable communication between components.

Extracurricular Activities

National Cyber League (NCL)

- Spring 2024: Ranked 22nd out of 530 (Experienced Bracket).