

Fabio Hinojosa Jimenez

Cleveland, OH | <https://fabiohj7.github.io> | [LinkedIn](#) | (216)-553-9144 | fabiohj7@gmail.com

Profile

Passionate and motivated Computer Scientist with a relentless commitment to personal and professional growth. A proactive learner dedicated to acquiring new skills daily, I thrive in challenging environments that foster innovation. I bring a unique blend of problem-solving prowess and effective time management to every project. Known for persistence and a strong work ethic.

Education

Bachelors of Science in Computer Science

Cleveland State University; Cleveland, Ohio

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

Aptitudes

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

Programming Languages: C, C++, Python, Java, SQL, HTML, CSS, JavaScript, ASM x84, Kotlin, Lua

Languages: Spanish (Fluent), English (Fluent), Portuguese (Intermediate), German (Basic)

Relevant coursework: Quantum Machine Learning, Artificial Intelligence, Data Mining & Machine Learning, Connected Devices (IoT), Computer Security, Computer Networks, Data Structures, Database Concepts, Operating Systems

Experience

Research Assistant – Cleveland State University; Cleveland, OH - June 2024 to October 2024

- Working with advanced technologies such as artificial intelligence (AI) and image recognition.
- Due to the sensitive nature of the research, further details cannot be disclosed.

Intern – Weston Ideation Lab Accelerator Summer Internship; Cleveland, OH - June 2024 – August 2024

- Designed and built wearable technology utilizing sensors that leveraged machine learning algorithms to translate sign language into speech to refine a business model ahead of a potential product launch
- Continued development for a minimum viable product through customer discovery and assembling a business plan to pitch to potential stakeholders.
- Developed a cross-platform application using Python and Kotlin that interfaces with a glove via a microcontroller programmed with Arduino.

Computer Peer Tutor CPT; Cleveland, OH - October 2022 to December 2024

- Conduct one-on-one tutoring sessions with students for programming classes.
- Instruct on problem solving, debugging, and syntax skills. While utilizing Python, C++, and Java, C.
- Demonstrate strong leadership and communication skills in organizing software development workshops and Game Jams for CSU students.

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

- Developed a cybersecurity training experience using virtual reality, creating an interactive application with Unity engine, explaining possible cyber-attacks.
- Researched cybersecurity techniques prevalent in office work environments.
- Produced reports and provided suggestions to enhance the Software Development Life Cycle (SDLC).

Intern - AssureSoft; Cochabamba, Bolivia - May 2022 to July 2022

- Collaborated with a team in the development of a web application to monitor the training of new developers.
- Implemented unit tests to facilitate continuous integration while maintaining the quality of the code
- Worked with agile methodologies, branching strategies and branch management, Client-Server architecture, and API's.

- Coding and Technologies: Code development using Angular, JavaScript, Typescript, HTML, CSS, BEM methodology, Git, NestJs, Type ORM, SQL, Postgres SQL, Jasmine.

Affiliations and Organizations

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

- Founded and established the Cleveland State University ACM chapter, fostering a collaborative environment for computer science students.
- Designed and implemented an innovative engagement tool using a Discord bot that gamifies practice problems from competitive programming websites, driving increased member participation and skill development.
- Organized workshops, coding challenges, and professional events to promote learning and networking opportunities for members.

Robotics Club *President - July 2023 to May 2024*

- Led a team of 30+ students in rigorous preparations for the NASA Lunabotics competition, focusing on designing and constructing a rover tasked with mining lunar soil and building berms.
- Engineered a navigation system using the Robot Operating System (ROS) to enable seamless communication between components.
- Collaborated with external partners to secure additional resources and funding for the club's projects.

American Institute of Aeronautics and Astronautics (AIAA) *Secretary - January 2023 to May 2024*

- Engineered a high-performance glider for Red Bull's 2023 Flugtag competition held in Cincinnati.
- Directed successful initiatives to enhance AIAA's online presence and community engagement through social media.
- Managed sponsor relationships, contributing to successful fundraising efforts in support of AIAA's programs and activities.

Extracurricular Activities

National Cyber League (NCL); Online

- Experienced Students Bracket 24th out of 454 Fall 2023.
- Experienced Students Bracket 22nd out of 530 Spring 2024.

International Collegiate Programming Contest (ICPC); Youngstown, OH – October 2023

- Selected to represent Cleveland State University by solving intense programming contests.

Hackathon by Jalasoft *1st Place; Cochabamba, Bolivia - June 2022*

- Led a group to secure 1st place in the hackathon by proposing an innovative non-profit recycling idea.
- Subsequently hired by the organizing company to develop a beta version of the winning concept using Kotlin.

Volunteering

Speech and hearing-impaired volunteering; Cochabamba, Bolivia - Summer 2022

- Coached a group of people with speech and hearing impairment, focusing on improving their motor skills and coordination.
- Acquired proficiency in basic sign language and organized interactive sessions supporting an inclusive environment.