

PERSONAL OBJECTIVE

Motivated Computer Science student with hands-on experience in network configuration, database management, and iOS app development. I am seeking an internship where I can apply my academic knowledge, problem-solving skills, management skills, and strategic thinking to contribute to real-world projects and gain valuable industry experience.

AREAS OF EXPERTISE	EDUCATION	SKILLS
<ul style="list-style-type: none"><li>Network Design to ensure minimal disruption.</li><li>SQL Database Design and Complex Queries.</li><li>Strategic Problem-Solving and Innovative Solution Development.</li></ul>	<ul style="list-style-type: none"><li>Microsoft's Specialist Certificate</li><li>Bachelor of Computer Science Engineering   Graduated: 2022-2026   Monterrey Institute of Technology and Higher Education.</li></ul>	<ul style="list-style-type: none"><li>Team Management</li><li>Communication</li><li>English C1</li><li>Spanish C2</li></ul>

RELATED WORK EXPERIENCE

Database Implementation for Sports Organization

TOPOS FC, APR-JUNE 2024

This project aimed to develop a website for an organization that needed to manage its reservation system, matches, and tournaments by creating and designing a web platform. I designed and implemented a robust MySQL database to handle all aspects of the organization's data management, ensuring data integrity and efficient access.

Network Design and Network Configuration

MONTERREY INSTITUTE OF TECHNOLOGY AND HIGHER EDUCATION, FEB-DEC 2024

Acquired extensive knowledge in network design and configuration through coursework and hands-on projects, demonstrating strong proficiency in creating and managing network infrastructures. Recognized by professors for exceptional performance and deep understanding of network concepts, receiving positive feedback and acknowledgment for advanced skills and innovative approaches.

iOS App Development

MONTERREY INSTITUTE OF TECHNOLOGY AND HIGHER EDUCATION AND OCOYUCAN VIDA Y CONSERVACIÓN AUG-DEC 2024

Independently developed the iOS application for an ecological organization as part of a four-member team, demonstrating expertise in Swift and iOS development. Integrated a TensorFlow-based machine learning model to identify regional plant life, enhancing user engagement with AI-driven recognition. Designed and implemented core features, including a route-saving map for personalized exploration, a comprehensive plant library, and an event page for community activities. Ensured seamless functionality and user experience while collaborating with Android developers to maintain cross-platform consistency.

Hackathon Participant in HackPue (MYLO)

MONTERREY INSTITUTE OF TECHNOLOGY AND HIGHER EDUCATION, JULY 2024

Collaborated with a team of four integrants to develop a web tool designed to distinguish between authentic and fabricated information, identify whether the content is generated by AI or created by humans, and trace the dissemination of such information across the internet featuring advanced filtering to prioritize results from reputable sites and reliable databases within a 31-hour timeframe.