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EDUCATION

ITESM – Instituto Tecnológico y de Estudios Superiores de Monterrey, campus Monterrey

B.S Computer Science	Graduating in Dec 2024
August 2020 – Present	Cumulative GPA: 94/100

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Requirements Analysis, Discrete Math, Mathematics for Data Science, Statistics.

Relevant Certifications: ICPC (Competitive Programming) Training Camp 2022 (ITESM), Google Cloud Computing Foundations (Google Cloud Computing Foundations Academy), AWS Cloud Practitioner.

EXPERIENCE

BANORTE - AI Intern   Sep 2023 – Present

- Designed, initiated, and led the implementation of a cutting-edge ML/AI initiative aimed at extracting valuable customer insights and pioneering strategies for enhancing both up-selling and cross-selling effectiveness.
- Utilized Python to process time and context-sensitive data, ensuring precision and relevance in recommendations.
- Implementation of infrastructure with IBM Cloud, utilizing the Watson tool to create a recommendation assistant chatbot with ML models.

Purpura Analytics - Tech Lead   Feb 2023 – Present

- Led a groundbreaking project focused on the development and implementation of AI-powered solutions and language models.
- Demonstrated expertise in managing the entire project lifecycle, from conceptualization to delivery, ensuring successful outcomes.
- Collaborated with cross-functional teams to identify business needs and design customized solutions, resulting in improved efficiency and productivity.
- Developing various projects, primarily web and mobile apps, using tools such as React, React Native, Node.js, and Angular.

INNOVATIA MX – Full Stack MERN Developer   Feb 2022 – Dec 2022

- Led the complete development of a job board platform using the MERN (MongoDB, Express.js, React, Node.js) stack, including the implementation of various technologies to improve user experience and functionality, robust server and API architecture, which helped the platform to handle large volumes of traffic and scale effectively.

ACTUAL PROYECTS

Circle AI – Cofounder: Co-founded an organization dedicated to applying recommender systems (recsys) theory, natural Language processing (nlp), and data-driven approaches to enhance b2b networking, explore Untapped market opportunities, and support strategic planning.

Sherlock Express – Cofounder: Platform designed to conduct thorough background checks on individuals, providing you with the Confidence you need to verify their trustworthiness.

FLATPAL – CTO: A reliable housing platform for students traveling to the Netherlands, connecting them with ideal roommates for their stays.

OZVI: Device that helps mitigate the covid 19 pandemic, using UVC technology, development of all control software, app for Android and hardware.

RECENT AWARDS

- Winner of the State Youth Award 2022
- Winner of "Ideas por Nuestro México" - Grupo Modelo
- Winner of the entrepreneurial talent scholarship – ITESM
- Winner FIRST Robotics competition 2020

SKILLS

Programming Languages: Python, C++, Java for Android, C#-Unity, Dart, Kotlin, JavaScript, Typescript.
Other technologies: React JS, Next JS, React Native, MySQL, MongoDB, Pinecone, AWS, Django, Flask, Google Cloud, Angular.
Soft skills: Communication, Collaboration, Problem-solving, Time management, Continuous learning.