

Kevin Xandé Martínez Haro

Hermosillo, Sonora | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of Sonora Bachelor of Science, Information Systems Engineering <ul style="list-style-type: none">Lead at Software R&D Laboratory	Hermosillo, Sonora
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EXPERIENCE

University of Sonora Data Engineer <ul style="list-style-type: none">Developed an AI-powered academic advisor that assists students in selecting optimal courses based on historical success rates and performance patterns of past cohorts.Leveraged big data pipelines to process and analyze large volumes of academic records, applying clustering algorithms to identify student profiles and recommend subjects aligned with their likelihood of success.Implemented scalable data infrastructure and machine learning workflows to support real-time recommendations, while ensuring data privacy and compliance with institutional policies.	Hermosillo, Sonora November 2024 - Present
University of California Davis - Internship Machine Learning Researcher <ul style="list-style-type: none">Designed and implemented a geographic clustering model to identify optimal locations for electric vehicle lithium battery recycling plants, integrating multi-dimensional data such as population density, environmental impact, local regulations, and existing industrial infrastructure.Conducted a multi-criteria analysis incorporating projected job creation, pollution reduction potential, socio-economic effects, and compliance with environmental policies to guide strategic decision-making and sustainable facility placement.	Hermosillo, Sonora (Remote) February 2025 - June 2025
CSI PRO - Internship Data Scientist and Machine Learning Researcher <ul style="list-style-type: none">Spearheaded the development of a machine learning model for EEG signal classification, leveraging advanced data preprocessing, noise reduction techniques, and feature engineering to improve predictive accuracy in neurological data analysis.Fine-tuned a domain-specific Large Language Model (LLM) to act as a virtual academic advisor, capable of providing personalized guidance on course planning and university resources tailored to students at the University of Sonora.Managed a cross-functional team, ensuring timely project delivery, fostering collaboration, and overseeing the integration of complex machine learning techniques with practical business needs.	Hermosillo, Sonora October 2023 - Present

LEADERSHIP & INVOLVEMENTS

CSI PRO Leader Leader of Research Laboratory <ul style="list-style-type: none">Led a team of 30 researchers and developers at the CSI PRO R&D Laboratory, driving the exploration and implementation of innovative technologies using Machine Learning and Artificial Intelligence.	University of Sonora, Hermosillo
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SKILLS

- Languages:** English C1, Spanish Native, German B1, Portuguese B1, Italian A2
- Technologies:** TensorFlow, Scikit-learn, Hugging Face Transformers, Pandas, OpenCV, Pillow, Docker, Git
- Software:** IPYNBs, Anaconda, Jenkins CI/CD, On-Demand for Supercomputing Clusters