

Luis Alexander Hernández Martínez

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SKILLS

Languages: Python, Java, C++.

AI/ML: TensorFlow, PyTorch, Scikit-learn, Keras.

Data Tools: SQL, Pandas, NumPy, Matplotlib.

Tools: Git, Docker, Jupyter Notebooks, AWS, GCP, CI/CD.

Other: NLP, LLM, MML.

WORK EXPERIENCE

IT Support Specialist

Antiguo Cuscatlán, El Salvador

Fe y Alegría El Salvador · Internship

Aug 2021 - Jan 2022

- Provided technical support, resolving hardware and software issues for a user base of over 100 employees.
- Maintained system efficiency by managing patches and troubleshooting for organizational IT infrastructure, reducing downtime by 20%.
- Enhanced operational workflows by streamlining system access protocols and optimizing resources, resulting in a 15% increase in productivity across departments.

Full Stack Developer

San Salvador, El Salvador

My Software SV · Freelance

May 2022 - May 2024

- Led the development of ERP systems and custom desktop applications, managing the software lifecycle from design to deployment, resulting in a 30% increase in operational efficiency for clients.
- Oversaw both front-end and back-end development, implementing integrated solutions that improved system performance and reduced errors by 25%.
- Utilized a comprehensive understanding of software development and business processes to effectively communicate with stakeholders and clients, ensuring a successful project outcome with a 95% client satisfaction rate.

PROJECT EXPERIENCE

Machine Learning Project

San Salvador, El Salvador

Omdena · Predicting Flight Delays

Nov 2024 - Dec 2024

- Led a team in analyzing and training predictive models using a dataset of 539,382 flight records, achieving 75% accuracy in predicting flight delays.
- Performed Exploratory Data Analysis (EDA) to identify key factors influencing flight delays, including day of the week and airline, significantly improving understanding of patterns.

EDUCATION

Universidad Centroamericana José Simeón Cañas

San Salvador, El Salvador

Software Engineering

CERTIFICATES

- **A.I. & Machine Learning, Data Science Bootcamp from Zero to Master** by ZTM.
- **Foundational Data Science and ML Course** from Omdena.
- **AWS for Developers, introduction to Linux** from LinkedIn Certificates.