Alan Crisanto Valladares

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Education

Software Development | Brigham Young University - Idaho | Rexburg, Idaho   April 2021
- Web design, HTML, CSS, JavaScript, and Python.
- Proficient with current web design principles.
- Understand principles of programming and design.

Python Specialization | University of Michigan | Coursera   March 2024
- Python Data Structures.
- Networked Application Program Interfaces.
- Access Web Data and connect Database
- Visualizations (Pandas, Matplotlib, Folium)

Experience

AI Developer | *Aktify* / Lima, Peru   August 2024
- I analyzed and visualized data in CSV with Jupyter Notebooks, using Pandas and Matplotlib to generate reports.
- I implemented routing and closing agents with Litellm, integrating language models to improve automation.
- I applied Machine Learning techniques such as KNN and SVM, achieving accurate predictions on different datasets.

Web Developer | *Iniseg* / Bogota, Colombia   May 2023
- Designed and Markup responsive Landing Pages using HTML, CSS, JavaScript, and Bootstrap.
- Collaborated closely with designers to transform diverse landing pages designs into functional websites.
- Maintained and enhanced WordPress projects and plugins for optimal performance.

Frontend Developer Junior | *Smartory* / Lima, Peru   September 2022
- Created user interfaces with Vue.js and Vuetify for ERP applications.
- Implemented new design features and maintained existing functionalities on one project executed under a CI/CD framework.

Projects

Recipe RAG Chat | *Personal AI Project* / Lima, Peru   October 2024
- Developed a web scraper to extract recipe data and organized it using Pandas in Jupyter Lab.
- Generated recipe embeddings and stored them in Pinecone, a vector database.
- Utilized LangChain to implement a retriever that searches for relevant recipes based on user queries.

API RESTful | *University Website Project* / Lima, Peru   November 2023
- Developed a RESTful API using Node.js and MongoDB to manage product and user data, implementing full CRUD operations.
- Implemented OAuth authentication services for secure user access and authorization.
- Created comprehensive API documentation using Swagger and utilized Express.js to handle routing and middleware.

Skills

- Teamwork and collaboration.
- Problem Solving.
- Technical: HTML, CSS, JavaScript, Python, React, API Integration, NodeJS, MongoDB, MySQL
- Proficient in Spanish (native), Portuguese (basic), and English (Intermediate).
- Attention to detail.
- Content Management Systems: WordPress.