

San Contreras

Software Engineering Student

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Education

Information and Communication Systems Engineering

University of Sonora | Aug 2020 - present

Projects

Notarius: I lead the QA and Deployment development teams of Notarius, a Notary management software. 🌐

Python PyInstaller Inno Setup Spiral

PetCenter: I lead the development of PetCenter, a website that manages all of the functions of a veterinary. 🌐

Python Flask Google Calendar API

Abroad Studies

Łódź University of Technology | Oct 2023 - Feb 2024, Oct 2024 - Feb 2025

Projects

SMS Spam classification model: Developed effective machine learning model for classifying SMS messages as spam. 🌐

Apache Spark Machine Learning Naive Bayes

VR interactive videogame: Developed VR interactive game compatible with Meta Quest headsets using the MetaQuest Unity SDK.

Unity C# MetaQuest

OpenVPN Implementation: Implemented OpenVPN on a VPS to establish secure and encrypted connections.

OpenVPN Networking Linux

Skills

- Strong problem-solving skills and ability to work in a team environment.
- Experience with agile software development methodologies.
- Deep knowledge of Linux operating systems.
- Ability to write clean, maintainable, and efficient code.
- Eagerness to acquire new skills and knowledge in the fast-paced fields of technology.

Technical Skills

Programming: Python, Java, C++, Shell Scripting, Java Script

Cloud Computing: AWS (S3, CloudFront, API Gateway, Lambda, DynamoDB, Cognito)

Containerization: Docker

CI/CD: Jenkins, GitHub Actions, Terraform

Databases: PostgreSQL, MySQL, DynamoDB

Languages: Spanish, English

Projects

Cloud Resume Challenge

Developed a serverless personal resume website using AWS. Automated infrastructure with Terraform and CI/CD with GitHub Actions. Documented the project in a detailed [blog post](#).

S3 Lambda API Gateway DynamoDB CloudFront Terraform GitHub Actions

Assessing the Use of GitHub Copilot on Students of Engineering of Information Systems

Collaborated on the experimental design and analysis for a publication examining the impact of AI programming assistants like GitHub Copilot on software engineering efficiency. [Publication](#)

Python GitHub Copilot Experimental Design Statistical Analysis Research Collaboration

Up-to-date version of resume is available at [disaa.dev](#)