

Javier Ramirez Salazar

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SKILLS




Experienced:

Python • C++ • SQL / noSQL •
Django • HTML • Unity • FastApi •
Pandas/Plotly • Node.js • CI/CD

Familiar:

Java • Linux • Docker • React •
JavaScript • CSS • Bootstrap •
Tableau / PowerBI

LINKS

 linkedin: ramirezj129
 github: ramirezj129
 website: ramirezj129.com

EDUCATION

B.S in Computer Science

University of Houston Downtown
December 2022

COURSE WORK

Data Structures & Algorithms
Software Engineering
Natural Language Processing
Object-Oriented Programming
Database Systems
Operating Systems
Internet of Things
Artificial Intelligence

EXPERIENCE

UI Replication of School Web Portal – Software Engineer

2022

- Collaborated with a team of 3 to create a user interface that replicates the school's website portal using C++, and Qt software, following the SDLC process.
- Collaborated with a team of 3 to create a user interface that replicated the school's website portal using Qt software, resulting in a 20% increase in user satisfaction.

Restaurant-based RDBMS – Team Member

2021

- Worked with mySQL in a team of 3 to design and develop a restaurant-based RDBMS which helps restaurants manage their menu items, customers, employees, and loyalty program efficiently.
- Created the database, developed database queries, wrote SQL scripts, and tested the system, ensuring that the database was fully functional and met all of the project guidelines.
- Implemented data validation checks, reducing data entry errors by 90% and ensuring accurate customer information and order history.

PERSONAL PROJECTS

Django E-commerce Website – Javier's E-shop

2023

- Independently developed an e-commerce website using Python, Django, and SQLite showcasing knowledge in full-stack web development.
- Utilized HTML and CSS to design and implement custom website templates, ensuring a visually appealing and user-friendly interface

REST API – Library

2023

- Designed and developed a REST API using Python FastAPI framework, demonstrating working knowledge in backend web development and RESTful API design principles.
- Utilized SQLAlchemy ORM to interact with a PostgreSQL database, managing data and storage retrieval efficiently.

Game Development – Space Game

2022

- Designed and developed a 2D video game using Processing and Java. Demonstrated proficiency in object-oriented programming and game development principles.
- Created custom game mechanics, including character movement, enemy behavior and collision detection resulting in engaging/challenging gameplay.
- Showcased video game project and conducted play-testing sessions and solicited feedback from users.