Jose Guerrero

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Summary

Over the years of learning the fundamentals of programming I've had great experiences learning technologies, some were harder than others but I always found a way. I've realized that learning the fundamentals early on set me up to better understand more complex technologies helped me greatly and has made me an eager learner.

Skills

JavaScript • MySQL • React • Java • C • C# • AWS (Amazon Web Services) • Node.js

Projects

Runner Bay
Jan 2024 – present

3 coworkers

Technologies: React • Express.js • MySQL • AWS (Amazon Web Services) • Node.js

A proof of concept full stack website made with three classmates in our Software Engineering class where we followed an Agile methodology. A Marketplace Web appliaction where UTSA Students can buy and sell items, report lost and found items, messaging, and view campus news. Made with React, Node, Express, and MySQL

Pizzza Guy Game
Jan 2024 – May 2024 • 4 mos

Technologies: C# • Unity 2D • Unity Engine

A 2D platformer/driving game I made in my Game Dev class in Unity. The goal of the game is drive around the city and make the delivery as fast as possible in order to earn money. Incorporation of AI, Dijkstra's, Procedural Generation, and 2D physics.

Recipe Finder App
Aug 2023 – Dec 2023 • 4 mos

Technologies: Java • XML • Android Studio

An Android Application made in my Application Programming class where I learned how to use Android Studios tools to create a Recipe Finder App. Simply mention an ingredient and be shown various recipes with instructions and measurements.

CPU Schduler Simulator
Jan 2024 – May 2024 • 4 mos

Technologies: C

A CPU scheduler simulator that uses FIFO, SJF, and PR algorithms to schedule processes and measure their performance metrics (i.e., CPU utilization, Throughput, Turnaround time, and Waiting time in Ready Queue).

Memory Management Simulator
Jan 2024 – May 2024 • 4 mos

Technologies: C

A simulator that implements the OS address translation and page replacement mechancisms along with virtual memory.

Client-Server User Credential Verification
Jan 2024 – May 2024 • 4 mos

Technologies: C

A client-server application that verifies user credentials. The server checks if a username/email and/or password appears in a list of breached credentials using SHA-256 hashing for privacy.

Portfolio Website
<div align="right">May 2024 – present</div>

My personl portfolio website, where I display my projects with images and description, links to my contact information and list some of my skills.

Education

Bachelor's degree: Computer Science
<div align="right">Aug 2020 – Dec 2024 • 4 yrs 4 mos</div>

University Of Texas At San Antonio

San Antonio, United States

Grade/GPA: 3.3