

Angel Aguayo

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Portfolio - <https://main.d3b63i02w10aff.amplifyapp.com/>

Education

The University of Texas at El Paso
Bachelor of Science in Computer Science
GPA: 3.53/4.0

El Paso, TX
Graduated: May 2025

Technical Skills

Languages: Java (5 years), Python (4 Years), JavaScript (4 Years), C (3 Years), PHP (2 Years), SQL (3 Years)

Concepts: Object-Oriented Programming, Full-Stack Development, Machine Learning, Systems Programming, Agile/Scrum

Frameworks & Tools: Next.js, React, Node.js, Flask, MySQL, Git, GitHub, Tailwind CSS, Firebase, AWS,

Soft Skills: Time Management, Problem Solving, Leadership, Adaptability, Bilingual (English & Spanish)

Projects

Zoo Database System

MySQL • PHP

- Created a database-backed application for zoo membership, events, and transaction management.
- Developed a responsive front-end in PHP with real-time data interactions.

Email Scanner

Python • API Integration

- Built a tool using the HaveIBeenPwned API to detect email breaches, with optional dark web scanning support via Tor.

Personal portfolio

Next.js • React • TypeScript • Tailwind CSS • Node.js • AWS (Amplify)

- Built a sleek, animated portfolio in Next.js showcasing 10+ projects, with parallax effects, scroll snapping, and a responsive glass morphism UI.

Hotel website

React • Firebase (Firestore, Auth, Hosting) • Tailwind CSS

- Built a fully responsive hotel booking platform featuring user authentication. Integrated Firebase for backend services including Firestore database, authentication, and hosting. Designed booking forms, room detail pages, and admin content management functionality to simulate a real-world hotel system.

Experience

AI4ALL– College Pathways Program

Student Coordinator

Jan 2023 – Dec 2023

- Automated Discord server registration using a Python-based bot to streamline onboarding.
- Coordinated logistics between staff, mentors, and participants.

Extracurriculars

Cybersecurity Hackathons

The Army Research Lab and the DEVCOM Analysis Center

- 4th Place – Spring 2025 Capture the Flag Competition
- 6th Place – Fall 2024 Capture the Flag Competition
- Competed in realistic, timed cybersecurity scenarios including exploit analysis, reverse engineering, and Cipher challenges.

Discover AI Program

AI4ALL

Spring 2022

- Completed a selective AI exploration program with projects on fraud detection and stock forecasting.
- Earned Discover AI/Apply AI Certificate of Completion.