

Gildardo Orea Amador

Entry Level Front-End Developer

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Education

University of Texas at El Paso (UTEP)

M.S. Software Engineering (Cyber Secure Systems) | **GPA: 3.66**

B.S. Computer Science | **GPA: 3.4**

El Paso, TX

Expected Dec 2026

Dec 2022

Work Experience

Front-End Developer – Hunt Institute for Global Competitiveness

May 2025 – Present

- Built a web application using React, Node.js, Express, SQL Server, and .NET.
- Created an interactive data visualization page with MapLibre GL for dynamic geospatial mapping to analyze the economic growth of +2500 municipalities.
- Reduced data processing time by 80% by creating API endpoints and database queries, replacing inefficient Python scripts.

Web QA & Testing Assistant– Enterprise Computing

May 2021 – Dec 2022

- Enhanced web security by testing and securing login/logout processes, preventing unauthorized access.
- Improved website UI/UX by addressing layout, font, image, and grammar issues.
- Reported and collaborated on fixing security, UI, and performance issues across university websites, reducing testing time by 5%.

Kitchen Supervisor – Saint Vincent DePaul Church

Aug 2023 – Dec 2024

- Managed daily meal production, menu planning, and quality control, ensuring timely delivery of meals to over 200+ individuals in need.
- Trained and led a team of 10+ volunteers, training them in food safety, hygiene, and efficient meal preparation.
- Reduced food waste by 30% through strategic inventory management, prioritizing timely use of food and ingredients, and optimizing procurement to ensure food was utilized before spoilage.

Projects & Involvement

LLM Implementation

May 2025 – Aug 2025

- Developed a LangChain-based AI solution to analyze economic data from 2,500+ municipalities, automating Excel report generation and visualizations to support strategic decision-making for economic growth.

Steel Consulting Hackathon

Mar 2025

- Developed a space shooter game using JavaScript and Phaser, where players navigate through obstacles and defeat enemies to reach the goal.

Google Hackathon

May 2019

- Built an AI-powered web application to generate personalized semester-by-semester academic plans for students, enhancing accessibility and planning efficiency for 50+ students.

Web & App Development Club

Jan 2025 – Present

- Collaborated on team projects, UI workshops, and developed 5 front-end websites throughout the semester.

Miners Cyber Security Club

Jan 2025 – Present

- Attended capture-the-flag (CTF) events and training on ethical hacking and security tools.

Skills

Languages: JavaScript (ES6+), Python, SQL, C#, HTML5, CSS3.

Frameworks & Tools: React, Node.js, Express, .NET, REST APIs, Postman, Bootstrap, Chakra UI.

Databases: PostgreSQL, MongoDB, MySQL.