Alberto Escobar

aesco0817@gmail.com | 915-330-2212 | github.com/aesco1

EDUCATION

University of Texas at Dallas   Richardson, TX
Bachelor of Science in Software Engineering, GPA: 3.6   *Fall 2025*

El Paso Community College   El Paso, TX
Associate of Arts in Multidisciplinary Studies   *May 2020*

EXPERIENCE

Fellows Consulting Group | *Capstone Project Developer*   January 2025 - May 2025
- Developed full-stack ontology generation application using Ollama DeepSeek R1, Python REST API, and WordPress to automate requirements engineering for domain modeling.
- Built interactive Mermaid visualization with AJAX integration and JSON caching, reducing response time by 97% (from 30-45s to <1s).
- Implemented graph connectivity validation algorithm ensuring 100% entity relationship consistency across generated ontologies.

Domino's Pizza | *Delivery Driver*   May 2022 - August 2022
- Delivered 50+ orders weekly while maintaining 100% on-time delivery rate across 600+ total deliveries.

4.0 Detail | *Co-founder and Marketing Director*   May 2021 - August 2021
- Launched targeted advertising campaigns through influencer partnerships (100,000+ followers) and Instagram advertisements, expanding customer reach by 60% within 2 months.

PROJECTS

Admin Panel Dashboard | *HTML, CSS, JavaScript*   June 2025
- Designed responsive admin dashboard UI featuring project cards, announcements section, and trending sidebar with modern layout.
- Built frontend interface with navigation menu, user profile integration, and search bar using vanilla JavaScript and CSS.

Library Management | *PHP, MySQL, HTML/CSS, Apache*   October 2024
- Developed full-stack CRUD application managing 500+ book records with real-time search and filter functionality.
- Designed normalized relational database schema with interconnected tables for books, authors, members, and borrowing records.

TECHNICAL SKILLS

- **Languages**: Python, Java, PHP, JavaScript, HTML/CSS, SQL (MySQL)
- **Frameworks:** WordPress, Flask, jQuery, Mermaid.js
- **Developer Tools:** Git, MySQL, Apache, Ollama, VS Code, PyCharm, Visual Studio
- **Other:** Adobe Creative Cloud