

Dylan Galvan

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EDUCATION

The University of Texas at El Paso

Bachelor of Science in Computer Science

Masters in Artificial Intelligence

Professional Development: AI4ALL Program, Dell Tech Academy, Bloomberg Bpuzzled 2nd place

Relevant Coursework: Data Structure/Algorithms, Software Engineering, Object Oriented Programming (OOP)

Cumulative GPA: 3.56/4.00

Anticipated: 12/2025

Anticipated: 12/2027

SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Frameworks & Tools: React Native, Expo, Bootstrap, Docker, RabbitMQ, Git

Databases: MySQL, Neo4j

EXPERIENCE

Freelance Web Developer

08/2025 – Present

- Developed a responsive demo site with **HTML**, **CSS**, and **JavaScript**, gathering client requirements and iterating on feedback to deliver a fully approved prototype.
- Reviewed the client's **hosting** setup and advised on **deployment and security best practices**, including migrating from **HTTP** to **HTTPS** to improve reliability and user trust.

Information Technology Specialist – U.S Army

02/2022 – Present

- Configured and maintained Army workstations by following standardized deployment procedures, achieving **100% operational readiness** for the unit and ensuring smooth daily operations.
- Supported systems handling sensitive information under an **active Secret clearance**, demonstrating trustworthiness and adherence to data protection requirements.

AI Summer Camp Instructor - UTEP College of Engineering

05/2025 – 07/2025

- Led a two-week AI Summer Camp for **85+ students**, teaching **Python**, classification, regression, and **neural networks**, resulting in **90%+ student engagement** and activities completion.
- Designed hands-on projects using **scikit-learn**, helping students train and evaluate basic machine learning models to reinforce core AI concepts.

Capital One Program Participant - Tech Mini Mester

07/2024 – 08/2024

- Selected as **1 of 60** participants **nationwide** for a competitive software engineering program, completing workshops in **JavaScript**, **Node.js**, and **NPM**.
- Developed a CLI-based application in **24 hours** during a Capital One **hackathon**, designing the **core logic** and ensuring the final product passed all functional tests.

PROJECTS

ColorWall (iOS habit-tracking wallpaper app)

08/2025 - Present

- Developed an **iOS mobile app** using **React Native**, **TypeScript**, and **Expo** that turns habit tracking into a visual mural by enabling users to swipe-paint their wallpapers, motivating consistent progress.

DAC Docker Exploit Mapper (DEM)

01/2025 - Present

- Collaborated with a **team of 8** to develop a **full-stack** container security tool using **Python**, **SvelteKit**, and **Neo4j**, enabling the detection and exploitation of **Docker** misconfigurations.

Internship Applications Tracker (Chrome Extension)

02/2025

- Built a **Chrome Extension** using **HTML**, **CSS**, and **JavaScript** with **Chrome Storage API** integration, enabling users to manage 20+ internship applications from a single dashboard.

Bloomberg Tech Lab on Campus

07/2024

- Selected as **1 of 40 students** to collaborate with Bloomberg engineers to build a distributed messaging system in **Python** with **RabbitMQ** and **Docker**, improving real-time processing efficiency.