

# Alejandro Seden-Gonzalez

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## EDUCATION

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### The University of Texas at El Paso

*Bachelor of Science in Computer Science*

Overall GPA 3.34/4.00

Dec 2025

**Technical Skills:** Fluent in Python, C, and Java. Experience with SQL, FastAPI, Svelte, Neo4j, MySQL, Git, Junit, and Javadoc

## EXPERIENCE

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### Docker Exploit Mapper (DEM)

Jan 2025 – Dec 2025

- Implemented the front-end dashboard using **Svelte**, creating an intuitive interface that visualized discovered hosts and containers and centralized analyst workflows.
- Integrated the Svelte frontend with **FastAPI** backend services through asynchronous **REST** calls, enabling dynamic updates of discovery results without manual refreshes.

### Banking Application

Sep 2024 – Dec 2024

- Developed the backend of a terminal-based banking application, implementing core functionalities such as customer account management, transactions, and authentication written in **Java**.
- Utilized **JUnit** for unit testing to ensure reliability and correctness of backend logic.
- Documented code using **Javadoc** to improve maintainability and team collaboration.
- Worked with a team to integrate the backend with the user interface, following best coding practices and version control workflows.

## SKILLS

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### Languages

- English – Native/Bilingual
- Spanish – Native/Bilingual

## Work Experience

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### Independent Property Manager

Dec 2024 – Present

- Oversee daily operations for 5 residential rental properties, including tenant relations, payment tracking, issue resolution, and property transitions.