Sabas Rojas

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EDUCATION

The University of Texas at El Paso (UTEP)	Graduation Date: 05/2025
Bachelor of Engineering in Computer Science	Overall GPA: 3.61/4.0

Honors & Activities
University Honors Program – College of Engineering, 09/2022 – Spring 2025
Member of ACM (Association for Computing Machinery), Fall 2021 – Spring 2025
Dean's List – Fall 2021, Spring 2022, Fall 2022, Spring 2023, Spring 2024, and Spring 2025

EXPERIENCE

Software Engineering Intern   01/2023 – 05/2023
JUSDA   Remote
- Built an Android app using React Native and TypeScript to track IT equipment via barcode scanning.
- Implemented local data storage with SQLite, enabling offline access and efficient data management.
- Collaborated in a three-person team utilizing Git and GitHub for version control and code collaboration.

Customer Service Representative   11/2024 – 02/2025
Family Dollar   El Paso, Texas
- Assisted customers with purchases, operated the cash register, and handled transactions accurately.
- Maintained store organization, restocked shelves, and ensured a clean shopping environment.
- Provided friendly service and resolved customer inquiries efficiently in a fast-paced setting.

PROJECTS

Medical AI Diagnostic Agent   02/2025 – 05/2025
Software Developer
- Built a Python AI agent using Bayesian inference to diagnose conditions from symptom inputs.
- Processed and analyzed patient records to build a joint probability model from real-world CSV data.
- Collaborated in a 3-person team to test symptom scenarios and refine diagnostic accuracy.

Item Cost Prediction with Machine Learning   08/2024 – 11/2024
Software Developer
- Utilized data from Riot Games' API to analyze item statistics and predict gold cost and efficiency.
- Processed data by handling missing values and normalizing stats for consistency.
- Used Python in VS Code to build Random Forest models and managed collaboration using Git/GitHub.

Interactive Gamification Website   08/2023 – 12/2023
Software Developer
- Collaborated within a team to design and implement an interactive gamification website.
- Utilized SQL for database management, HTML and PHP for front-end and back-end development.

RELEVANT ACTIVITES

Google in Residence program   08/2022 – 12/2022
Participant   El Paso, Texas
- Was instructed about data structures and algorithms by a Google Engineer (Marlon Gamez).
- Cooperated with other classmates to design and create solutions.

SKILLS

- Bilingual: Fluent in English and Spanish; basic French reading and writing.
- Proficient in writing and understanding Python, Java, C, SQL, HTML/CSS, and PHP.
- Proficient in mobile app development with React Native and TypeScript/JavaScript.
- Proficient in MS Word, MS PowerPoint, and MS Outlook.
- Experienced using Git/GitHub for version control, collaborative development, and project management.