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: 3.60/4.0

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 and deployed an Android app with React Native and TypeScript for IT equipment tracking, which featured barcode scanning that enhanced IT department workflows and efficiency.
- 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, operated the register, and handled transactions accurately in a rapid environment.
- Maintained store organization, restocked shelves, and ensured a clean shopping environment.

PROJECTS

Medical AI Diagnostic Agent   02/2025 – 05/2025
Software Developer
- Built a Python AI agent to diagnose conditions from symptom inputs, improving diagnostic accuracy.
- Processed, cleaned, and analyzed patient records to build a joint probability model from 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
- Developed ML models in Python with scikit-learn to predict item efficiency from Riot Games API data.
- Preprocessed datasets by handling missing values and normalizing features, improving model accuracy.
- Worked in a small development team using Git/GitHub to build and manage ML pipelines.

Portfolio Website   07/2025 – 08/2025
Software Developer
- Built and deployed a personal portfolio website with Next.js, React, TypeScript, and Tailwind CSS.
- Designed a responsive UI with animations and hosted on AWS S3/CloudFront for global performance.

TECHNICAL PROGRAMS

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

- **Languages:** Python, Java, C, SQL, HTML/CSS, Rust, TypeScript/JavaScript.
- **Frameworks & Tools:** React Native, Next.js, Tailwind, SvelteKit, Git/GitHub, AWS.
- **Productivity:** Word, PowerPoint, Excel, Outlook.
- **Data Science/ML:** scikit-learn, pandas, NumPy, Tableau.
- **Languages:** Fluent in English and Spanish; basic French reading/writing.