

Sabas Rojas

rojassabas17@gmail.com

<http://sabasrojas.com/> - <https://www.linkedin.com/in/sabas-rojas/>

EDUCATION

The University of Texas at El Paso (UTEP)
Bachelor of Engineering in Computer Science

Graduation Date: 05/2025
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
<ul style="list-style-type: none">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 overall.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.	
<h2>PROJECTS</h2>	

Medical AI Diagnostic Agent	02/2025 – 05/2025
<ul style="list-style-type: none">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.	
Targeted Reconnaissance for Advanced Content Exploitation (TRACE)	
<ul style="list-style-type: none">Built a secure web app for U.S. Army DEVCOM using Python, SvelteKit, and Neo4j.Unified penetration-testing tools with AI-driven credentials, dashboards, and network visualization.Collaborated in an 8-person team on UML diagrams, documentation, and system design.	
Item Cost Prediction with Machine Learning	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Instructed about data structures and algorithms by a Google Software Engineer (Marlon Gamez).	

CERTIFICATIONS

AWS Cloud Practitioner Essentials - Amazon Web Services (Issued August 2025).
Certificate in Entrepreneurial Education - Studio G, NMSU (Issued May 2025).
AWS Certified Solutions Architect - Amazon Web Services (In Progress, Expected November 2025).

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.
• Spoken Languages: Fluent in English and Spanish; basic French reading/writing.