

# 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

- 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.

## PROJECTS

**Medical AI Diagnostic Agent** 02/2025 – 05/2025

- 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)** 08/2024 – 05/2025

- 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** 08/2024 – 11/2024

- 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

- 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

- 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.