

# ROBIN AXEL ANDRADE PEREZ

Computer Science  
Engineer

## About Me

I am a passionate developer focused on creating innovative solutions. I'm currently in my final semester of a Computer Science Engineering degree, specializing in Data Intelligence. I'm actively developing skills in Software Development, Back-end Engineering, and Machine Learning, and I'm eager to keep learning and applying my knowledge to real-world projects.



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LinkedIn

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GitHub

[AxelinS](#)

## KNOWLEDGE OF

- Python
- C++
- Java
- Golang
- SQL
- Pytorch
- AWS
- Docker
- Git
- Linux

## EDUCATION & CERTIFICATES

**UDG - Centro Universitario de Tonalá - Tonalá, Jalisco**  
Bachelor's degree in Computer Science Engineer  
2021-Present

**Cetis 162 - Zapotlanejo, Jalisco**  
Technical programming  
2018-2021

### Certificates

- AWS Academy Cloud Foundations

## EXPERIENCE

**Osu! AI Player** 08/2023 - 06/2024

AI model trained to play the video game Osu! using Supervised and Reinforcement Learning techniques.

- Collected and preprocessed gameplay data.
- Designed, trained, and evaluated deep learning models for decision making.
- Automated training workflows and testing scenarios.

**°Python °Pytorch**

**Aneeka - Virtual Streamer** 02/2024 - 03/2025

An AI virtual character with a unique personality trained using LLMs to interact with users in real time.

- Built data pipelines for real-time interaction and feedback.
- Trained and fine-tuned models to simulate personality-driven behavior.
- Developed the back-end software integrating AI modules.

**°Python °Go °Pytorch**

**Energy Management System** 11/2023 - 05/2024

Smart system to monitor and control IT power switches and energy consumption.

- Created an interactive map UI to control power states of buildings or individual switch by location.

**°Java °NodeJS °SQL °Docker °Microservices °Angular**

**CUTonalá - Scholarship App** 08/2024 - 11/2024

An innovative digital solution for the CUTonalá's food scholarship, replacing the manual process with a RESTful architecture.

- Designed and implemented the server-side system in Go to control when and how scholarship coupons are granted.
- Built the system architecture, handling database logic and user registration flow.
- Developed a REST API to connect the backend with the mobile application via HTTP/HTTPS.
- Implemented role-based views and some HTTP requests on the mobile app.

**°Golang °SQL °React Native °NODEJS °REST API**