



# OMAR GONZALEZ

## PROFILE

Junior developer. Focused on full-stack web apps, data-science and machine learning. Experience in developing web apps, desktop apps and machine learning models.

## CONTACT

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## KNOWLEDGES

Data Structures  
Algorithms  
Machine Learning  
Data Analysis  
Full-Stack development

## LANGUAGES

Spanish | Native  
English | Conversational

## PROJECTS

### Security System – Python (cv2 & Flet) | SQL

This is a system based on machine vision that can detect faces, QR codes, and car plates. It includes two apps for registering and detecting users. The app can be connected to a microcontroller. GitHub: <https://github.com/omargr299/security-system>

### Pokemon favorito – Alexa Skill (Python)

An Alexa app that ask you for your favorite pokemon, request the informaiton from an API and provides the information to the user. Link to test: <https://www.amazon.com/dp/B09PNRPSDT> (Can you prove in your Alexa).

### UNO AR – Pyhton | CV2 | augmented reality

It's the classic UNO card game but with AR interaction. You can control the card's movements with your hand without needing to touch the screen. GitHub: <https://github.com/omargr299/Uno-AR>

### Tic-tac-toe evolutive AI – Python (pygame & tensorflow)

Evolutive AI that learns to play tic-tac-toe using genetic learning. GitHub: <https://github.com/omargr299/Tic-Tac-Toe-Evolutive-IA>

### Universal Bazar – NextJS

An e-commerce website where you can find a wide range of in-stock products. The UI and API development is entirely based on NextJS. GitHub: <https://github.com/omargr299/Image-Finder>

## DEGREES

### Instituto Politécnico Nacional

Date Graduate: June 2024  
Artificial Intelligence Engineer Degree

## SKILLS

- Python: 3 years | CV2, Tensorflow, Pandas, Tkinter, numpy, etc.
- SQL: 3 years | SQLServer, MySQL, PostgreSQL
- C/C++: 2 years
- JavaScript: 2 years | NodeJS, React, Astro, NextJS.
- C#: 1 year | .NET, Unity
- Java : 1 year | Apache
- TypeScript: less than 1 year