Jorge Martinez Gil
Software Engineer

15/01/2001

ABOUT ME

I am passionate about technology, and I think I have great potential as a software developer.

I like to work as a team with people of different backgrounds and nationalities.

I love to travel, I have lived for a short period of time in the USA and Finland, and I have done exchanges in Deutschland, Netherlands and Slovakia

I am also a huge basketball fan, I enjoy watching the NBA and I play in my local league

LANGUAGES

Spanish: Native

English: Fluent

German: Intermediate

CONTACT

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📍 Via Universitas 8
Zaragoza, Spain

EXPERIENCE

ATRIA INNOVATION Software Engineer Intern | 02/2023 - 03/2023
I contributed to the development of a Python program that employs Convolutional Neural Networks for the detection of manufacturing issues in car images.

EDUCATION

Double Master Degree in Informatics Engineering and Applied Artificial Intelligence
Universidad Carlos III de Madrid | September 2023 - June 2025| Madrid, Spain

Bachelor's Degree in Computer Science
Universidad de Zaragoza | September 2019 - May 2023 | Zaragoza, Spain

Bachelor's Degree in Computer Science
George Mason University | August 2022 - December 2022 | Fairfax, Virginia

TECHNICAL SKILLS

- C++
- Go
- Python
- JavaScript & NodeJS

- Databases & SQL
- Git & GitHub
- Linux
- Algorithm Design & Analysis
- Data Structures
- Machine Learning & AI
- Distributed Systems
- Docker & Kubernetes
- Android & Kotlin

SOFT SKILLS

- Language Processors teacher at Universidad Carlos III de Madrid

- Took part in the ZAMUN (Žilina Model United Nations) international debate program promoted by the UN (2019 Žilina, Slovakia)

- Part of the Applied Artificial Intelligence Group group at UC3M

PROJECTS

DOVS model for navigation in dynamic environments
Developed a **Python**-based parallelizable implementation that effectively models in real time dynamic 2D environments with multiple agents.

LOL E-Sports Bets
I developed an **Android** app in **Kotlin**, featuring a coin-based betting system tailored for e-Sports League of Legends enthusiasts. The app seamlessly communicates with a **Go**-written backend server, adept at handling bets in real-time. Although the development is ongoing, future plans involve implementing a predictive system based on analyzed data to enhance user engagement and anticipation of match outcomes