ALEJANDRO MIRA ABAD

SOFTWARE DEVELOPER

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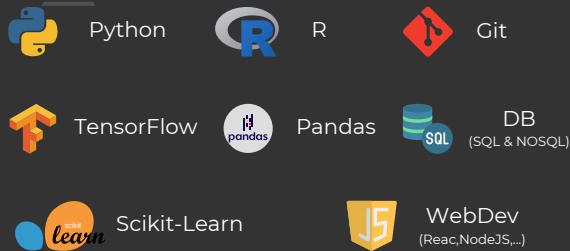
About Me

Born in 1999 in a small town near Alicante. Graduated in Interactive Technologies by the UPV, used to work in a team and participate in multidisciplinary projects. Currently I am enrolled in the Master's Degree in Artificial Intelligence Research at the UIMP.

One of my ambitions is to be able to work in ambitious and demanding projects, through which to show the best of me and to be able to continue learning and evolving both formatively and personally.

Soft Skills

- Team work
  - Agile methodologies
- Analytical capacity
  - Problem solving
- Lifelong learning
  - Effective communication

Technologies

- Python
- R
- Git
- TensorFlow
- Pandas
- DB (SQL & NOSQL)
- Scikit-Learn
- WebDev (Reac, NodeJS,...)

Languages

Basic | Fluid | Native

- Spanish
- Valencian
- English

Professional Experience

2021 - Present — **Full Stack Developer**

- **AIJU - Technological Institute of Children's Products**
  Software developer specialising in AI and Industry 4.0 projects. From data collection through IoT to data processing and analysis through AI. Also creating applications, AR and VR applications for industry.

Formal Education

2022 - Present — **MASTER'S DEGREE IN RESEARCH IN ARTIFICIAL INTELLIGENCE**

- **Menéndez Pelayo International University (UIMP) In collaboration with the Spanish Association forArtificial Intelligence (AEPIA)**

2017 - 2021 — **Bachelor in Interactive Technologies Engineering**

- **Higher Polytechnic School of Gandia - Universitat Politècnica de València (UPV)**
  Feb 2021 - Jul 2021 Erasmus+ at the Udine University(UNIUD)

Projects

Bachelors thesis: Neuroevolutionary AI for MTG

Development of a genetic algorithm based on evolutionary metaheuristics, a machine learning method, by means of which it is able to play MTG intelligently and competitively.

GLIO-IA (AIJU)

Development of a comprehensive and intelligent platform for precision medicine applied to brain tumours. Technologies such as TensorFlow and Azure services, among others, have been applied in the process.

Robot with AI: Cookobot

System based on ROS and using OpenCV and TensorFlow performs the tasks of a waiter autonomously. It has a webapp implemented with Electron, VueJS and Bulma.

AI4VET (AIJU)

System for face detection using AI techniques. In particular, a system is developed with cameras connected to AWS services for the detection of people.