



# Jorge Aliaga Luque

## Software Developer

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Barcelona, Spain

⇒ [jorgealiaga36 \(github.com\)](#)

## Work Experience



### INDRA | Computer Vision Developer

Oct 2022 - Present

- Development, fine tuning and training of different ATDR models (Automatic Detection and Recognition) for the NGWS/FCAS (fighter aircraft design).
- Thermal camera software video capturing and integration into computer vision models.
- Development of image stitching algorithms with their corresponding pre and post processing techniques.
- Building and labeling datasets.



### INDRA | Embedded Software Developer

Oct 2021 - Oct 2022

- Resolution of incidents in embedded C++ software in the naval IRST F-110 defense project.
- Development of an HMI tool for the management and maintenance of surveillance system.
- Integration and testing of hardware components.



### PLC Programmer | DEUSER

(Feb 2021 - Mar 2021)

- Programming of PLC's in TIA Portal (Siemens).
- KUKA robotics programming via WorkVisual.

## Education



### Erasmus + | Budapest University of Technology and Economics

(Sep 2020 - Feb 2021)



### Bachelor in Industrial Electronics and Automation | Carlos III University of Madrid

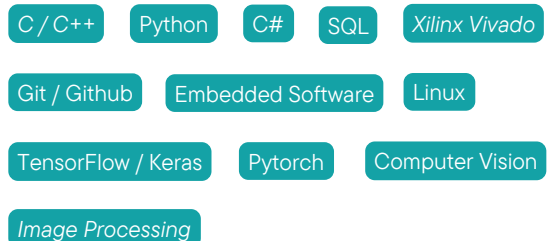
(2016 - 2021)

- Digital analogic and power electronics.
- Embedded software (C / C++).
- Control engineering.
- Robotics programming (C++ / RAPID).

## Profile

Electronics and automation engineer with experience in computer vision and embedded software development through participation in defense projects. Hard-working and decisive person with strong interest in Data Science and machine learning with a desire to train in this field at a professional level.

## Skills



## Languages

### Spanish

(Native)

### English

(B2)

## Courses

- **Machine Learning Specialization** (Coursera)
- **Deep Learning Specialization** (Coursera)
- **Optoelectronics and Applications** (University of Alcalá, Madrid)