

PERSONAL INFORMATION

Jordi Altarejos Bono

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Date of birth 11 April 2003 | Nationality Spanish

JOB APPLIED FOR

Curricular internship in Computer Vision and Machine Learning

SUMMARY

Final-year student of the Bachelor's Degree in **Robotic Intelligence** at the **Universitat Jaume I (UJI)**. Interested in **computer vision, machine learning and intelligent robotics**, with experience in Python and C++. Motivated to apply theoretical knowledge in practical projects to develop intelligent robotic systems.

EDUCATION AND TRAINING

2021–Present

B.Sc. in Robotic Intelligence

ISCED 6

Universitat Jaume I (UJI), Castellón de la Plana, Spain

- Focused on software development for intelligent robotic systems.
- Coursework: Computer Vision, Machine Learning, Digital Systems, and Control.
- Includes 148 hours of curricular internships and 150 hours of Bachelor's Thesis (TFG).

2019–2021

High School Diploma (Science and Technology Track)

IES Vicent i Castell Doménech, Castellón de la Plana, Spain

PROJECTS

Image Classification using Machine Learning

- Built an image classification model using **scikit-learn** and **scikit-image**.
- Applied algorithms such as **SVM** and **Random Forest** for comparative evaluation.

Image Processing with OpenCV

- Developed an edge detection and segmentation system using **OpenCV**.
- Designed for preprocessing data in robotic vision applications.

Autonomous Robot Navigation (Simulation)

- Implemented obstacle avoidance and basic path planning in **Gazebo + ROS**.
- Focused on integrating perception and control modules.

PERSONAL SKILLS

Mother tongue

Spanish

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Cambridge English C1 Advanced (University of Cambridge)					

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
[Common European Framework of Reference for Languages](https://www.cambridgeenglish.org/exams/c1-advanced/)

Communication skills

- Teamwork and collaboration developed in academic robotics projects.
- Ability to explain technical topics clearly to peers.

- Organisational / managerial skills
- Structured and efficient approach to project organization and coding workflow.
 - Capable of working independently with responsibility and initiative.

Digital competences

SELF-ASSESSMENT

Information Processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

[Digital competences - Self-assessment grid](#)

- Computer skills
- **Programming:** Python, C++
 - **Libraries:** NumPy, scikit-learn, scikit-image, OpenCV
 - **Tools:** Git, ROS (basic), Visual Studio Code, Jupyter Notebook
 - **Operating Systems:** Linux, Windows

Other skills Curiosity-driven learner, disciplined, passionate about robotics and artificial intelligence.

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