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INTERNSHIP OFFER FOR

INTERNATIONAL STUDENTS

INSTITUTION	Universidad Politécnica de Cartagena www.upct.es South-East of Spain
SHORT DESCRIPTION OF THE INSTITUTION	The UPCT is a public institution, established in 1998 in Spain. It is comprised of 7 Schools of Engineering, Business and Architecture and offers several Master and PhD Programmes.
RECEIVING SCHOOL / FACULTY	Escuela Técnica Superior de Ingeniería Industrial (ETSII) School of Industrial Engineering
ADRESS	C/ Doctor Fleming s/n 30202 Cartagena, Murcia, Spain
PLACEMENT OFFERED	Dpt. Auomation, Electrical Engineering, Electronics Technology AI/ML Development Intern Social Robots in Ambien Assisted Living systems
DESCRIPTION OF THE PLACEMENT ACTIVITY	• Assist in the refinement and development of emotion and mood detection algorithms from speech, face, and sensors. • Contribute to the improvement of existing systems with a focus on privacy. • Participate in the creation and enhancement of an offline Large Language Model (LLM) in Spanish, focusing on simple conversations
REQUIRED STUDENT PROFILE	• Computer Science / Robotics / Electrical Engineering • Willingness to learn and contribute to the development of emotion and mood detection algorithms, speech-to-text systems, text-to-speech systems, and large language models (focused on Spanish).
REQUIRED SKILLS	• Programming skills in languages like Python. • Experience with artificial intelligence and/or machine learning.
WORKING LANGUAGE	English (B2, required), Spanish (A2, recommended)

DURATION	5 months – September 2024- January 2025
	5 months – February 2025 – July 2025
WORKING HOURS	5 hours/day – 25h/week 09:00 – 14:00
FINANCIAL AID	No.
	FREE SPANISH CLASS ACCORDING THE ACCADEMIC YEAR.
ACCADEMIC CONTACT	Joaquín Roca González
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