

Pablo Ruiz-Ponce

University of Alicante, Alicante, Spain

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Experience



Huawei Technologies R&D (UK)

London, UK

RESEARCH SCIENTIST INTERN

Jun. 2025 – Now

Researching and developing novel methods for human motion generation and interaction at Noah's Ark Lab.



University of Alicante

Alicante, Spain

ASSISTANT LECTURER

Jan. 2024 – Now

Delivering lectures about Computer Vision, Generative AI, and Multimodality on diverse subjects from the Data Science, Robotics & Artificial Intelligence M.Sc.s



DunavNET

Novi Sad, Serbia

RESEARCH SCIENTIST

May 2024 – Aug. 2024

Developed lightweight CV models and Generative AI solutions for synthetic data augmentation to support the EU's REMARKABLE project (10.3030/101086387).



University of Alicante

Alicante, Spain

RESEARCH SCIENTIST INTERN

May 2023 – Oct. 2023

Developed computer vision models for wildlife monitoring and collaborated on the creation of a large-scale annotated dataset for the TED CHAN-TWIN project (TED2021-130890B-C22).

Education



University of Alicante

Alicante, Spain

PHD STUDENT

Jan. 2024 – Now

PhD Candidate in Generative AI & Human Motion Synthesis supported by National Fellowship (FPU)



Polytechnic University of Catalonia

Barcelona, Spain

M.Sc. ARTIFICIAL INTELLIGENCE

Sept. 2022 – Jan. 2024

Average Mark: 9.2/10



Czech Technical University

Prague, Czechia

ERASMUS

2021

Average Mark: 10/10



University of Alicante

Alicante, Spain

B.Sc. COMPUTER SCIENCE

Sept. 2018 – June 2022

Average Mark: 9.4/10 · Subjects Passed with Honors: 18 · High Academic Performance Group

Reviewing

CVPR (2025) · IJCNN (2025) · ICCV (2025) · NeurIPS (2025) · 3DV (2026)

Skills

Programming Python · JavaScript · C++
Libraries PyTorch · PyTorch Lightning · TensorFlow · Keras
Software Unity · Blender · Unreal Engine
Languages English (Bilingual proficiency) · Spanish (Native)

Publications

P. Ruiz-Ponce, G. Barquero, C. Palmero, S. Escalera, and J. García-Rodríguez. Mixermdm: Learnable composition of human motion diffusion models. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, June 2025

P. Ruiz-Ponce, G. Barquero, C. Palmero, S. Escalera, and J. García-Rodríguez. in2in: Leveraging individual information to generate human interactions. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW)*, pages 1941–1951, June 2024

P. Ruiz-Ponce. Text-driven multi-human motion generation. *UPC FIB, Universitat de Barcelona*, Jan 2024

P. Ruiz-Ponce, D. Ortiz-Perez, J. Garcia-Rodriguez, and B. Kiefer. Poseidon: A data augmentation tool for small object detection datasets in maritime environments. *Sensors*, 23(7), 2023

D. Ortiz-Perez, **P. Ruiz-Ponce**, D. Tomás, J. Garcia-Rodriguez, M. F. Vizcaya-Moreno, and M. Leo. A deep learning-based multimodal architecture to predict signs of dementia. *Neurocomputing*, 548:126413, 2023

Additional Education

EEML Summer School

EASTERN EUROPEAN MACHINE LEARNING

Novi Sad, Serbia - 2024

Representation Mediated Multimodality

EU COST SCIENTIFIC APPLICATIONS

Valletta, Malta - 2024

Computer Vision on GPUs

UNIVERSITY OF ALICANTE

Alicante, Spain - 2022

Introduction to Deep Learning

RAFAEL ALTAMIRA SUMMER COURSES

Alicante, Spain - 2021

Awards and Grants

Academic Excellence Awards

INNOVATION COUNCIL

Valencia, Spain - 2024

PhD National Fellowship (FPU)

SPANISH MINISTRY OF UNIVERSITIES

Madrid, Spain - 2023

VI Extraordinary End-of-Degree Award

GENERAL CAPTAINCY OF VALENCIA

Valencia, Spain - 2023

Extraordinary Award

UNIVERSITY OF ALICANTE

Alicante, Spain - 2022

Collaboration Fellowship

SPANISH MINISTRY OF EDUCATION

Madrid, Spain - 2021