Javier Ureña Santiago

PhD Student

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Areas of Interest

- Computer Vision
- Machine & Deep Learning
- Bacterial image analysis
- Applied data science
- Segmentation and Regression methodologies

Positions

- 01.2022 - current: PhD student in the Intelligent and Interactive Systems research group of the University of Innsbruck

Education

- 2018: BSc in Industrial Electronic Engineering at University of Jaén, Spain
- 2019: MSc in Robotics and Automatics at Politecnic of Madrid, Spain
- 2023: MSc in Big Data and Visual Analytics at International University of La Rioja (UNIR), Spain
- Currently: Doctor of Philosophy Programme in Computer Sciences at University of Innsbruck, Austria

Projects

- Completed: DesDet (Standortagentur Tirol 2022-2024)

Publications

- Solving Microorganism Enumeration through Weakly-Supervised Counting with Vision Transformers - A comparative study. Austrian Symposium on AI, Robotics and Vision, 2024. Extended Abstract.
- Vision Transformers for Weakly-Supervised Microorganism Enumeration. Digital Image Computing: Techniques and Applications, 2024. arXiv

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