

# Santiago Jimenez-Navarro

*PhD Candidate in Computer Science*

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👤 santiagojn

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Hi! I am Santiago, a PhD candidate in Computer Science at the [Graphics and Imaging Lab](#) at University of Zaragoza (Spain), working under the supervision of [Prof. Ana Serrano](#) and [Prof. Belen Masia](#). Previously, I obtained a BSc degree in Computer Science at University of Zaragoza, and a MSc in Robotics, Graphics and Computer Vision at the same University.

My research interests span in the intersection between Computer Graphics and Machine Learning, with a special focus in human perception.

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## Education

2024–now **PhD Program in Computer Science**

*University of Zaragoza, Spain – Graphics and Imaging Lab*

Supervised by Prof. Ana Serrano and Prof. Belen Masia

Thesis title: Perceptually-informed Material Appearance Modeling and Editing

2022–2024 **MSc in Robotics, Graphics and Computer Vision**

*University of Zaragoza, Spain*

Master Thesis: Learning interpretable representations of material appearance

2018–2022 **BSc in Computer Science**

*University of Zaragoza, Spain*

Final degree project: Audiovisual saliency prediction in 360° content

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## Publications

2024 **Aprendizaje no Supervisado de Representaciones Interpretables y Desenredadas de la Apariencia de Materiales**

Santiago Jiménez-Navarro, Julia Guerrero-Viu, Belén Masiá Corcoy

*XIII Young Researchers' Day, 2024, Poster Session*

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## Research Experience

Feb. 2023 – Professional internship on the subject *Disentangled latent representations of material appearance with unsupervised learning*, within the Graphics and Imaging Lab group  
Jun. 2023

Dec. 2021 – Professional internship on the subject *Audiovisual saliency prediction in 360° content*, within the Graphics and Imaging Lab group  
Mar. 2022

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## Awards

- 2023 **Scholarship for funding the Master Thesis**  
Awarded by the Aragon Institute for Engineering Research (I3A)
- 2023 **Third best final degree project in the field of engineering and architecture**  
Awarded by the Santander Bank

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## Technologies

### Programming languages

- Python (conda, PyTorch, TensorFlow, NumPy)
- C++
- Matlab
- LaTeX

### Software

- Git
- Photoshop
- Google ecosystem

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## Dissemination

- 2024 **European Researchers' Night**  
Dissemination activity in which we present our research activities to the local community, including assistants of all ages and backgrounds.
- 2024 **Young Researchers' Day**  
Presented my poster on *Aprendizaje no Supervisado de Representaciones Interpretables y Desenredadas de la Apariencia de Materiales* in an event organized by the Aragon Institute for Engineering Research (I3A)

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## Languages

### Spanish – Native

- 2020 **English – Fluent**
- Cambridge English Level 2 Certificate in ESOL International (CAE, C1)
  - Grade B (198 / 210)
- 2024 **Japanese – Intermediate**
- 日本語能力試験 N3
  - Score 126 / 180 – Percentile 88.4

### French – Intermediate