

# Jaime Bielsa Uche

MSc Student & Research Engineer

I3A, Escuela de Ingeniería y Arquitectura  
Universidad de Zaragoza, Spain  
☎ (+34) 625 264 714  
✉ [jaimebu@unizar.es](mailto:jaimebu@unizar.es)  
in [LinkedIn](#) [GitHub](#) [Webpage](#)

Last update May, 2026

## About Me

I'm a student in Universidad de Zaragoza, about to finish my Master studies under the supervision of [Daniel Martín](#) and [Ana Serrano](#) for my thesis. My contributions to the field of Extended Reality (XR) include the analysis of gaze and performance from people in immersive environments, based on factors like multisensory inputs, interaction with reality via passthrough, or cognitive load. My interests in XR include research on these topics and similar ones for comprehension of human attention and insights in how users behave in immersive environments.

## Career

- 2024 – 2026 **Master in Robotics, Graphics and Computer Vision** by Universidad de Zaragoza, Spain.  
Thesis title: *Study and Analysis of the Effect of Cognitive Load in Visual Attention on Multisensory Immersive Environments*  
*Virtual Reality* course taken (3 ECTS).
- 2020 – 2024 **Bachelor of Computer Science** by Universidad de Zaragoza, Spain.  
Thesis title: *Development of a mixed reality application for studying attentional mechanisms in immersive environments*

## Contributions

- 2026 **An Analysis of Gaze Behavior under Multisensory Cognitive Load in Immersive Environments**  
Paper [Jaime Bielsa](#), [Jorge Pina](#), [Ana Serrano](#), [Daniel Martín](#)  
Computers & Graphics Journal; Special section on CEIG 2026
- 2026 **Exploring Gaze Behavior in Immersive VR under Cognitive Load**  
Poster [Jaime Bielsa](#), [Jorge Pina](#), [Ana Serrano](#), [Daniel Martín](#)  
IEEE VR 2026 Posters

## Employment history

- 2025 – . . . . . **Research engineering**, *Graphics and Imaging Lab*, Universidad de Zaragoza, Spain.  
Study and analysis of gaze data from people to understand changes in gaze patterns through changes in cognitive load.
- 2021 – 2024 **Shop assistant and waiter**, *Camping Los Vives*, Saravillo, Huesca, Spain.  
During summer seasons, 8 months in total.

## Languages

- Spanish** Native
- English** B2, *Cambridge Linguaskill*
- German** A2, *Escuela Oficial de Idiomas, Zaragoza*