Josep López Camuñas

AI Researcher & PhD Candidate in Affective Computing

✉ jlopezcamu@uoc.edu   in LinkedIn   ● Google Scholar

🎓 Education

PhD in Network and Information Technologies
Universitat Oberta de Catalunya (UOC)
Advisor: Agata Lapedriza (Northeastern University and UOC)

Research Focus
Affective Computing, Computer Vision, Explainable AI,
Human Behavior Analysis, Emotion Recognition,
Social Robotics

Master in Computer Vision
Universitat Autònoma de Barcelona(UAB)
2021-2022
Deep Learning for Computer Vision and Pattern Recognition

Bachelor in Computer Science
Universitat de Barcelona(UB)
2016-2020
Foundation in algorithms, software engineering and computer theory.

💡 Research Projects

Never Home Alone (NHoA)
Research project developing socially intelligent robotics for elderly care support, integrating affective computing with assistive technology.

Contributions
1. Designed emotion perception systems, integrating affective computing models.
2. Actively participated in design workshops translating needs into technical requirements.
3. Conducted Interviews, creating a small dataset with elderly interactions.

📰 Publications

Camunas, J. L., Bustos, C., Zhu, Y., Ros, R., & Lapedriza, A. (2025). Experimenting with Affective Computing Models in Video Interviews with Spanish-speaking Older Adults.
WACV 2025 Workshop CV4Smalls: Computer Vision with Small Data

</> Technical Expertise

Core Technologies
Python (Advanced ML/DL Development)
Pytorch (Deep Learning Framework)
C/C++ (System Development)

Industry Experience
2 years as Full Stack Developer and Data Scientist, bridging theoretical knowledge with practical implementation.

🗨 Languages

Native Bilingual. Spanish & Catalan
English. Professional Working Proficiency. TOEFL iBT: 85