

Carlos Gutiérrez Álvarez

PHD STUDENT

Universidad de Alcalá, Campus Universitario, A2 Km 33.600 28805, Alcalá de Henares, Spain

carlos.gutierrezalva@uah.es | carlosgual.github.io | CarlosGual

Education

Universidad de Alcalá de Henares

PHD IN COMPUTER SCIENCE

- Advisor: Roberto J. López Sastre

Alcalá de Henares

2021 - present

Universidad Complutense de Madrid

MS MATHEMATICAL ENGINEERING

Madrid

2018 - 2019

Universidad Complutense de Madrid

BS PHYSICS

- Honors thesis

Madrid

2014 - 2018

Professional Experience

2021-present **Spanish Science Ministry Pre-doctoral Fellowship**, Universidad de Alcalá

2019-2021 **Senior AI Engineer**, Accenture Technology

2018 **Undergraduate Research Assistant**, Materials Science Institute, Superior Center of Scientific Research

Publications

PUBLISHED

Nasri N, López-Sastre RJ, Pacheco-da-Costa S, Fernández-Munilla I, **Gutiérrez-Álvarez C**, Pousada-García T, Acevedo-Rodríguez FJ, Maldonado-Bascón S. Assistive Robot with an AI-Based Application for the Reinforcement of Activities of Daily Living: Technical Validation with Users Affected by Neurodevelopmental Disorders. *Applied Sciences*. 2022; 12(19):9566.

Gutiérrez-Alvarez C, Hernández García S, Nasri N, Cuesta-Infante Alfredo, López-Sastre RJ, Towards Clear Evaluation of Robotic Visual Semantic Navigation, in ICARA, 2023.

Gutiérrez-Alvarez C, Ríos-Navarro P., Flor-Rodríguez-Rabadán R., Acevedo-Rodríguez F.J., López-Sastre R.J., Evaluation of Visual Semantic Navigation Models in Real Robots, in IROS, 2023.

Awards, Fellowships, & Grants

2021 **Graduate Research Fellowship**, Spanish Science Ministry

Outreach & Professional Development

PEER REVIEW

Computer Vision and Pattern Recognition (CVPR)