Ander Iriondo Azpiri

PhD researcher

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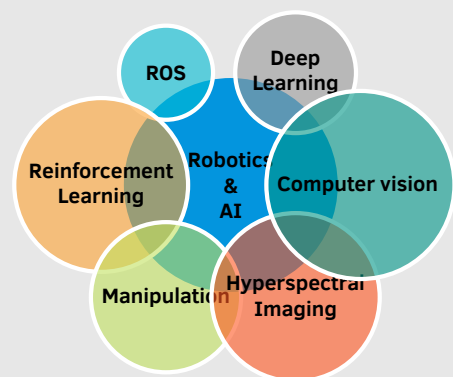
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in /in/andeririondo

Habilities ───────

Programming ──

C • C++ • Java • R • LaTeX • Python

Matlab • Bash • C#

HTML • CSS • PHP • SQL

Languages ─────────────

- **English:** Advanced (C1)
- **Basque:** Advanced (C1)

Studies

2013-2017	**Degree in computer engineering**	Faculty of Informatics, San Sebastian
2017- 2018	**Master in Computational Engineering and Intelligent Systems**	Faculty of Informatics, San Sebastian
2018- 2023	**PhD in computer science**	Faculty of Informatics, San Sebastian

Experience

2017/3-7 End-of-degree project development Fundación Tekniker
Thesis: Development of an android app for the interaction with a social robot, **KTbot**.

2017-2018 Internship and master thesis Fundación Tekniker
Thesis: Control of a mobile manipulator robot with deep reinforcement learning.

2018-2023 Pre-doctoral researcher Fundación Tekniker
Thesis: Advances in flexible manipulation through the application of AI-based techniques.

2023-today PhD researcher Fundación Tekniker
Topics: Artificial intelligence, flexible robotics, computer vision.

Relevant projects

2017-2019 Pick and place **Program:** Horizon 2020
Role: Research on flexible manipulation through AI-based techniques.
Tekniker's budget: 1.3M€

2023-2025 HARTU **Program:** Horizon Europe
Role: Research on flexible manipulation through AI-based techniques
Tekniker's budget: 1M€

2024-2026 ADAPTA **Program:** Transmisiones
Role: Coordinator.
Tekniker's budget: 700K€

Conferences

2019 European Robotics Forum Bucharest
Presentations:
- Pick and Place Operations in Logistics Using a Mobile Manipulator Controlled with Deep Reinforcement Learning.
- Intelligent, flexible and safe operations in future factories.

2020 European Robotics Forum Malaga
Presentation: Artificial Intelligence in robotics for intralogistics applications.

2021 European Robotics Forum Online
Presentation: Affordance-based Grasping Point Detection using Graph Convolutional Networks for Industrial Bin-Picking applications.

Publications

Click here to access Google scholar