

JON IRURETA BARRENA

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EDUCATION	Department of Computer Science, UPV/EHU	Donostia, Spain
	<i>PhD in Language Analysis and Processing</i>	2025 - ongoing
	Department of Computer Science, UPV/EHU	Donostia, Spain
	<i>MSc in Computational Engineering and Intelligent Systems</i>	2023 - 2024
	<ul style="list-style-type: none">Thesis: On the Usage of Joint Latent Representations and Knowledge Distillation for Efficient Vertical Federated Learning.	
	Technical Faculty of IT and Design, Aalborg University	Aalborg, Denmark
	<i>BSc in Electronic Systems</i>	2022 - 2023
	Mondragon Polytechnic School	Arrasate, Spain
	<i>BE in Industrial Electronics Engineering</i>	2019-2023
	<ul style="list-style-type: none">Thesis: Development of an edge-to-cloud-continuum platform for offloading computationally intensive tasks from low performance devices.	
PUBLICATIONS	1. Jon Irureta , Jon Imaz, Aizea Lojo, Javier Fernandez-Marques, Iñigo Perona, Marco González. Towards Active Participant Centric Vertical Federated Learning: Some Representations May Be All You Need. <i>Knowledge-Based Systems</i> , 2026.	
	2. Jon Irureta , Gorka Azkune, Jon Imaz, Aizea Lojo, Javier Fernandez-Marques. Mixture of Predefined Experts: Maximizing Data Usage on Vertical Federated Learning. <i>arXiv</i> , 2026.	
PROJECTS	Collision Avoidance System for Mobile Robots Based on Predictive Models.	
	<i>Semester project at Aalborg University</i>	2022.08 - 2023.02
INTERNSHIPS	Ikerlan Technology Research Centre Arrasate, Spain	2024.09 - ongoing
	<ul style="list-style-type: none">Research intern working on Vertical Federated Learning.	
	Ikerlan Technology Research Centre Arrasate, Spain	2023.10 - 2024.09
	<ul style="list-style-type: none">Developed the master's thesis on Vertical Federated Learning.	
	Ikerlan Technology Research Centre Arrasate, Spain	2023.02 - 2023.07
	<ul style="list-style-type: none">Developed the bachelor's thesis.	
AWARDS AND HONORS	<ul style="list-style-type: none">UPV/EHU "Attracting Talent" Grant (Full Scholarship), UPV/EHU	
	<ul style="list-style-type: none">Best student project from the polytechnic university of MU, PBL-Day	
	<ul style="list-style-type: none">Graduated With Honors, Ipintza High School	
SKILLS	Languages: Basque (Native-EGA), Spanish (Native), English (CAE), French (DELFB1).	
	Programming: Python, R, MATLAB.	