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MSc in Artificial Intelligence · Erasmus Mundus EMAI, 2026
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To scan quickly

Engineering + science background. I dream of building physical intelligence that runs *out of the lab*. I am Mexican and have lived in 6 countries: 🇲🇽🇨🇦🇺🇸🇪🇸🇮🇹🇸🇮

Why me? I learn from scratch, understand it, and I make it work. I read papers as a researcher and reproduce them as an engineer. **Why you?** Because you are working on real tech for real applications. We match in spirit and goals.

Want to put a face to the name? Here's a short video introducing myself.
Thesis work: VLA models conditioned on expert-distilled perceptual tokens | X-VLA in a real SOARM101
Recent work: VLA human-to-robot fine-tuning with recovery data | Personal project. Exploring VLAs further.
Published Research: PIU, IJCB 2026 | First author. Machine Unlearning in diffusion models.
Interests: Long-horizon execution, dynamic models, robustness via reinforcement learning.

Me, my motivation, and ideas

I have always enjoyed how theory models reality, like wave equations model light. It all just makes sense. But what I enjoy most, is using that theory to build something that not just models, but interacts with the world, intelligently. A career here has always been my dream.

Whether on an industrial belt or a crowded street, I want to build intelligence that works when deployed, and progressively enable it to reason more, and more: We — humans in science — must learn how to learn, and today, robots are learning well from us. I want to **help make them learn more 'like' us.**

I see myself working in industry, and close to research. Because that is where tech continues to move forward. There are a lot of robotics companies, but not all of them work on real applications, and at scale. That is what I want to do.

Now, I want to tell you what I consider to be my biggest strength, which is my work and learning philosophy: **knowledge is stackable and solved challenges become tools we own to face the future**. This has proven true for me. For every project I took and that I needed to learn from scratch, past experience pushed me forward to reach my goals. Let me show you a clear (and relevant) example:

Last year I wanted to (i) publish my first scientific paper, and (ii) learn what diffusion models were all about. I taught myself diffusion and published PIU (IJCB 2026). Both goals done. Then, for my thesis, my robotics interest took me to a new territory: VLAs.

My diffusion background let me immediately recognize the common principles, like generating actions and conditioning them on multimodal inputs. Understanding how VLMs represent what they see made me realize that this information was likely not only recoverable but also exploitable for action generation. This became my thesis contribution.

This is how I function, how I work, and why I can be of value for teams building technology on top of science that never stops moving.

Edgar