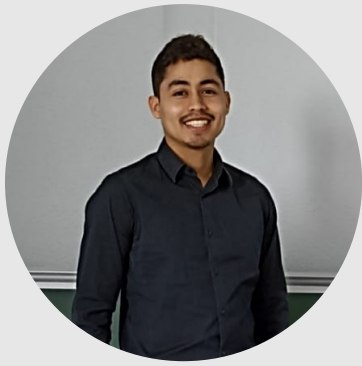




Henry Areiza, PhD

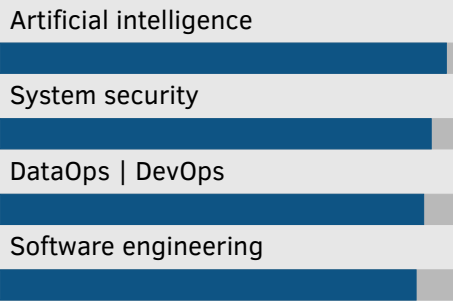
Data Engineer

- Nice, France
- henryareiza.com
- henryareiza2493@gmail.com

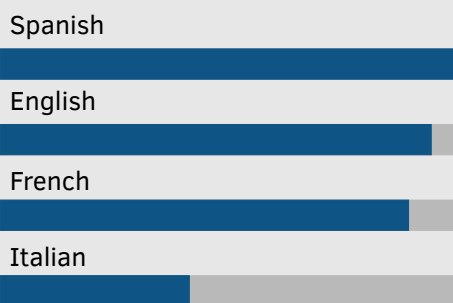
Professional Profile —

I am a professional in the fields of data and AI, with a strong academic background, solid work experience, and a culture of continuous self-learning. My career has led me to specialize in Data Engineering, by designing, building, and maintaining robust data pipelines that transform raw data into reliable, high-quality information ready for analytics and machine learning. My work is guided by the principles of trust, respect, and teamwork, as I believe that being a good person is the foundation for being a good professional.

Main skills —



Languages —



Academic Background

2019-2023	Ph.D. in Computer Science <i>Major in signal, image, and video processing</i>	Université de Rennes
2017-2019	M.Sc. in Automation and Industrial Control <i>Major in machine learning</i>	ITM University Institution
2013-2017	B.Eng. in Electronics Engineering <i>Major in Computer Science</i>	ITM University Institution
2011-2015	Electronic Technologist <i>Major in Robotics</i>	ITM University Institution

Specializations and Certifications

2025	Data Engineering	DeepLearning.AI and AWS
2025	Fundamentals of Red Hat Enterprise Linux	Red Hat
2023	Artificial Intelligence Project Manager	Artefact School of Data
2023	Data Analytics Engineer	Artefact School of Data
2023	Reinforcement Learning	DeepLearning.AI
2022	Natural Language Processing	DeepLearning.AI
2020	Deep Learning Specialization	DeepLearning.AI
2016	Machine Learning	Stanford University

Professional Experience

2025	Data Engineer System administrator	Aix-Marseille Université
	Administration and configuration of HPC cluster featuring cutting-edge GPUs specialized for AI. Setting up on-premises infrastructure and developing data pipeline for interaction with the <i>MesoNET</i> project.	
2024	Data Engineer AI Project Manager	Freelance developer
	Planning and development of the <i>!Hey, Hi!</i> project. Game that uses generative AI to create questions leading to interesting conversations.	
2023-2024	AI Project Manager	Allies.paris
	Management and development of the <i>ENGAGE</i> project. Use of LLMs for the generation of grant applications to secure funding for start-ups.	
2023	Machine Learning Engineer	Artefact School of Data
	Development of the <i>Hands-free Cursor</i> project. Application for controlling the computer's mouse using voice commands and head position.	

Technical Skills

- Python
- AWS | GCP | Azure
- Terraform
- Spark
- Data warehouses
- LLMs | LMMs | LVMs
- Linux
- SQL | NoSQL
- Airflow
- Hadoop
- Data lakes
- PyTorch
- Git
- Neo4j
- Ansible
- Great Expectations
- Data lakehouses
- TensorFlow & Keras

Soft Skills

- Teamwork
- Creativity
- Cultural Sensitivity
- Adaptability
- Empathy
- Time management
- Leadership
- Listening
- Problem-solving

Hobbies

- Home workouts & Capoeira practice
- Swimming whenever I can
- Jamming on the guitar (still learning!)
- Traveling for new views and good food
- Random philosophy rabbit holes
- Weekend video game marathons
- Movie nights & chill playlists
- Unplanned meetups with friends