

Leroy Deniz Pedreira

mail@leroydeniz.com
www.leroydeniz.com
(+34) 669 987 109
linkedin.com/in/leroy-deniz
Basque Country, Spain



Skills

Dev languages: Python, Django, Flask, FastAPI, HTML/JS/CSS, PHP

Data science: Tensorflow, Keras, PyTorch, OpenCV, DEAP

Azure suite: Power Automate, Power BI, Power Apps, Azure Functions

Infrastructure: Dockers, Docker Compose, Linux, Airflow, Grafana, AWS

Databases: Postgresql, MySQL/MariaDB, Oracle, Clickhouse, MongoDB, Prometheus, Cassandra

Management: Moodle, WordPress, Jira, Redmine, Zabbix

Languages: Spanish (Native) - Italian (B1) - English (B2 Cambridge, currently preparing C1)

Education

Master's Degree in Computer Engineering [Currently]

Faculty of Computer Science, Multimedia and Telecommunications

Universitat Oberta de Catalunya, Barcelona, Spain, 2025

Master's Degree in Data Science [Finished]

Faculty of Computer Science, Multimedia and Telecommunications

Universitat Oberta de Catalunya, Barcelona, Spain, 2023

Final Master's Project: Improving underwater images through deep learning.

<http://hdl.handle.net/10609/150314>

Bachelor's Degree in Informatics Engineering, specialising in software engineering [Finished]

Faculty of Computer Science

University of the Basque Country, Donostia-San Sebastián, Spain, 2021

Final Degree's Project: API for deep neural networks training evolved through genetic algorithms.

<http://hdl.handle.net/10810/53319>

Scrum Master Certified & Product Owner Certified [Finished]

Scrum Manager®, Barcelona, Spain, 2025

I have completed a significant number of development and data science courses, as well as specializations in project management.

Selected experience

Project Manager

2025 - now

SWAP Energía SA, Donostia-San Sebastián, Spain
Operations

Leading software development processes across various projects in a transversal manner, coordinating different teams to ensure deadlines and costs are met. I oversee the complete product lifecycle management, from functional analysis to final implementation, as well as planning deployments, versions, and deliverables.

Tools & technologies: Jira, AI models, Power Automate

Python developer & Product Manager

2022 - 2025

Telefónica, Madrid, Spain
Operations

Leading comprehensive automation projects, with direct responsibility for developing advanced alarming and reporting systems within the Artificial Intelligence team of the Operations Division. Driving strategic technology solutions that enhance operational efficiency, monitoring capabilities, and responsive intelligence.

Tools & technologies: Python, Jira, Confluence, MS Azure, Power BI, Power Automate, Docker, Grafana, Airflow

Full Stack engineer & Project Manager

2021 - 2023

StockFink, Oviedo, Spain
Development area

Responsible for the development of Python applications based on AI algorithms for stock market prediction. Team lead of the development team.

Tools & technologies: Python, PHP, HTML, JS, CSS, Bootstrap, WordPress, Redmine, Linux

IT Manager & Assistant professor

2010 - 2020

University of the Republic, Montevideo, Uruguay
Several faculties and departments

Several positions in different services and faculties of the University, such as Professor at the Faculty of Engineering, IT Manager at the Education Pro-Rectorate, Consultant at the Faculty of Humanities and Educational Sciences, and Research Programmes Manager at the Sectorial Commission of Scientific Research (CSIC).

Tools & technologies: Python, MySQL, WordPress, Redmine, Linux

Consultant

2016 - 2020

GDCD Group, Buenos Aires, Argentina
IT & Marketing

External consultant by Volkswagen & Mercedes-Benz, responsible for web development projects using Python and API integrations.

Tools & technologies: Python, MySQL, WordPress, Jira, Linux
