Leroy Deniz Pedreira

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Basque Country, Spain

Objective

Getting a position in a company where I can increase my knowledge of development and machine learning, improving my skills in those disciplines.

Skills

Dev languages: Python, Django/Flask, 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) - English (B2 Cambridge) - Italian (B1)

Education

Master's Degree in Data Science
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`

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Bachelor's Degree in Informatics Engineering, specialising in software engineering
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`

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I have completed a significant number of development and data science courses, as well as specializations in project management from the National Technological University of Buenos Aires, Argentina and the Monterrey Institute of Technology, Mexico.

Selected experience

Python developer & Product Manager   2022 - now
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

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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

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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

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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

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