

LEORICK SANTOS

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Summary

Junior Data Engineer with hands-on experience in building data pipelines, performing exploratory data analysis, and applying machine learning techniques using Python and Spark. Strong background in databases, data visualization, and analytical modeling. Currently pursuing a Master's in Data Science, with a focus on scalable data systems and intelligent solutions. Motivated to contribute to data-driven environments and continuously improve technical and problem-solving skills.

Skills

Programming Language: Python, Java, C, C++, C#

Web Technologies: HTML5, CSS, Bootstrap, JavaScript, React.js, Node.js, TypeScript

Database: MYSQL, Oracle, SQL, PL/SQL

Systems Management: macOS, Windows & Linux Server Management

Software Engineering: Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), Requirements Analysis, Debugging & Testing

Data & Analytics: Data Analysis with Python, Basic Machine Learning Concepts, Data Visualization, Analytical Modeling

Tools & Technologies: Git, GitHub, VS Code, IBM SPSS, Jupyter

Experience

Data Analyst / Junior Data Scientist | Universidade Portucalense – Portugal | 2025 – Present

- Developed data pipelines and performed exploratory data analysis (EDA) on large datasets using Python (Pandas, NumPy, Matplotlib, Seaborn).
- Applied statistical modeling and machine learning techniques (scikit-learn, Spark ML) to extract insights and predict trends from structured and unstructured data.
- Created dashboards and visualizations using Power BI and Plotly to support decision-making in academic projects.
- Optimized data storage and query performance in SQL and NoSQL databases (PostgreSQL, Cassandra).

Software Development Projects | Universidade Lusófona do Porto | 2024 – 2025

- Built full-stack web applications using Python (Flask, Django) and JavaScript (Node.js, React), including RESTful APIs and database integration.
- Implemented algorithms for automation and problem-solving in real-world scenarios (sorting, search, graph algorithms).
- Collaborated in peer-to-peer code review, Git version control, and agile development practices.

Network Automation / Infrastructure Scripting | Academic & Personal Projects | 2023 – Present

- Automated network configuration and monitoring tasks using Python scripts and Ansible playbooks.
- Developed network performance dashboards using Python and Grafana to visualize metrics like latency, packet loss, and throughput.
- Integrated data from network devices (Cisco, Huawei, HP) into structured databases for reporting and predictive analysis.

Education

Master of Science in Data Science – Universidade Lusófona do Porto, Portugal (2025 – Present)

Bachelor of Science in Computer Engineering – Universidade Lusófona do Porto, Portugal (2021 – 2024)

Certifications & Training

Master D – Web Design & Web Development
Magma Studio – Talent Bootcamp

Red Hat Enterprise Linux Automation with Ansible (RH294)

AWS Solutions Architect Associate

FCA – Fortinet Certified Associate

FCP – Fortinet Certified Professional

Languages

English:	B1	A2
		Proficient

Portuguese:
Native

Websites, Portfolios, Profiles

- Github: <https://github.com/leor1ski>
- Linkedin: <https://www.linkedin.com/in/leorick/>