André Patrício

Software Engineer

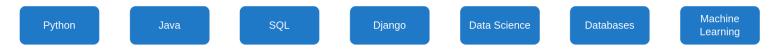
GitHub

in LinkedIn

Website

Google Scholar

SKILLS



EXPERIENCE

Researcher — INESC-ID, Lisbon

September 2021 - Current

- Contributed to 3 multi-institutional research projects and authored 4 research papers in Artificial Intelligence, Data Science, and Bioinformatics.
- Delivered compelling presentations at both **national** and **international forums**, elevating the visibility of the research.
- Awarded Best PhD Student of 2022.

Teaching Assistant — Instituto Superior Técnico, Lisbon

September 2020 - Current

Lectured classes for 40+ Bachelor/Master students across 5 courses, covering topics in Data Science, Artificial Intelligence, and Databases.

Software Engineer Intern — Caixa Mágica Software, Lisbon

July 2019 - September 2019

- Developed a chat application to connect website users to an integrated intelligent chatbot.
- Successfully structured and executed a project from scratch, showcasing adaptability and the ability to master new technologies.

Software Engineer Intern — Banco da Saúde, Lisbon

December 2018 - May 2019

- Collaborated in an Agile team to develop a Django app, utilizing Google App Engine, Jenkins, Selenium, and SonarQube.
- Took charge of unit and interface testing responsibilities, ensuring the robustness and quality of the developed software.

PROJECTS

Hot Research Data Pipeline (GitHub)

- Data engineering pipeline to extract, process, and visualize information from published scientific papers, utilizing multiple public APIs.
- Automated the pipeline with Apache Airflow, implemented data storage with PostgreSQL, accessed and manipulated data with PySpark, containerized the
 entire project with Docker, and implemented CI with GitHub Actions.

Custom Built Django Portfolio Website (GitHub)

- Django Portfolio Website created from scratch.
- Configured to be run locally, edited through Django's Admin Panel, and automatically generates and deploys a static version of the website to GitHub Pages.

EDUCATION

Instituto Superior Técnico, Lisbon

- Bachelor and Master's degree in Information Systems and Computer Engineering
 - Activities and Societies: President of Núcleo Estudantil de Informática do IST (NEIIST).
 - Awards: Everis Merit Award in Machine Learning, Academic Merit Certificate 2017/2018 and 2018/2019.