

André Patrício

Software Engineer

EMAIL andremppatricio@gmail.com

LOCATION Lisbon, Portugal

LINKS



[GitHub](#)



[Website](#)



[LinkedIn](#)



[Google Scholar](#)

EDUCATION

Instituto Superior Técnico, Lisbon

Graduated in June 2021

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.

SKILLS

Python Java SQL Django

Data Science Databases

Machine Learning

EXPERIENCE

Researcher • INESC-ID

September 2021 → Current Lisbon

- 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

September 2020 → Current Lisbon

- 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

July 2019 → September 2021 Lisbon

- 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

December 2018 → May 2019 Lisbon

- 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 • [andremppatricio/hot-research](#)

- 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 • [andremppatricio/andreppatricio.github.io](#)

- 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.