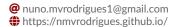
NUNO RODRIGUES

Data Scientist



→ +351915207737 Lisbon, Portugal https://www.linkedin.com/in/nmvrodrigues/



EDUCATION

Ph.D. in Computer Science

Faculty of Sciences, University of Lisbon and Champalimaud Foundation

1 2020 - 2024 (awaiting defense)

Thesis: Deep Learning Models for Clinical Assessment of Prostate Cancer

M.Sc. in Computer Science

Faculty of Sciences, University of Lisbon

1 2018 - 2020

Thesis: Exploring Neuroevolution Fitness Landscapes for Optimization and Generalization

B.Sc. in Computer Science

Faculty of Sciences, University of Lisbon

2013 - 2018

EXPERIENCE

Data Scientist

Champalimaud Foundation

Oct 2020 - Sep 2024

- Lisbon, Portugal
- Part of the European Union Horizons 2020 ProCAncer-I project.
 My role as a data scientists consists of developing deep learning models for the clinical assessment of prostate cancer.

Data Scientist

LASIGE and Champalimaud Foundation

Oct 2020 - Sep 2024

- Lisbon, Portugal
- Proiect BINDER.
- The project's objective is to improve the state of the art in Radiomics analysis of breast and rectal cancer, using existing and novel Machine Learning and Deep Learning methods.

Data Scientist

LASIGE and MARE

Oct 2020 - Sep 2024

- Lisbon, Portugal
- Project OPTOX.
- Developing AI model for ecotoxicological indexes development.
 This multidisciplinary approach intents to produce innovative ecotoxicology tests of great added value for future management requirements and impact assessment.

SUMMARY

Results-driven data scientist with a deep passion for everything Al. Keen interest in developing Al-based industry solutions that can improve revenue generation. Over 6 years of python experience and 5 years using machine and deep learning frameworks. Past data scientist experience in providing machine and deep learning solutions for a wide array of multidisciplinary academic projects.

AWARDS

Academic and Social Merit Scholarship by Huawei/.PT, Lisbon, Portugal (2023)

PhD Grant by Fundação para a Ciência e a Tecnologia (FCT), Lisbon, Portugal (2021)

Merit Scholarship by Direção-Geral do Ensino Superior (DGES), Lisbon, Portugal (2020)

SKILLS

Machine learning Deep Learning

Computer vision Medical Imaging

Evolutionary Computation Tabular Data

Pytorch Scikit-Learn

Keras Python Java

LANGUAGES

Portuguese	••••
English	••••
Spanish	••••
Italian	••••

Data Scientist

LASIGE

- Oct 2020 Sep 2024
- Lisbon, Portugal
- Project PREDICT.
- Propose cutting-edge machine learning techniques to address the problems emerging from electrical medical records, for therapy selection of rheumatic diseases.
- Project PERSEID.
- Personalizing cancer therapy through integrated modeling and decision.

Data Scientist

LASIGE and ISA

- Oct 2020 Sep 2024
- Lisbon, Portugal
- Project GM3.
- Developing a genetic programming based pixel classifier for remote-sensing applications.

Assistant Professor

NOVA IMS

- Oct 2020 Sep 2024
- Lisbon, Portugal
- Planning and lecturing the practical classes for the Computational Methods for Optimization course.
- Planning and lecturing the practical classes for the Neuroevolution course.

SCIENTIFIC ACTIVITIES

Project Proposals

Developing a project proposal for the SAC-CCT FCT project grants regarding developing computer vision models for fisheries stock assessment using fish otolith data. This project is being developed in partnership with the Portuguese Institute for Sea and Atmosphere (IPMA).

Reviewer

Peer reviewer for multiple prestigious journals and conferences such as:

- IJCAI
- IEEE Transactions on Evolutionary Computation
- GECCO

Conference organizing

Member of the local organizing team of GECCO 2023