ANA FILIPA RODRIGUES NOGUEIRA

During my student years, I acquired knowledge of physics, mathematics, programming and electronics.

My main interests are in the areas of machine and deep learning, data science, computer vision, automation and robotics.



Final grade: 13/20

CONTACT

- December 15, 1999
- up201705948@edu.fc.up.pt
- ☑ ana.f.rodrigues@inesctec.pt
- **** +351 91 216 6959
- Vila Nova de Gaia, Porto
- in linkedin.com/in/ana-filipa-r-nogueira
- 0000-0002-9413-3300
- 0218-FDFA-1447

TECHNICAL SKILLS

Programming

Python GNU Octave/MATLAB
Visual Basic R
JavaScript HTML

Operating Systems

Windows GNU/Linux

Software

Microsoft Office LabVIEW
AutoCAD LaTeX
SciDAVIS NI Multisim
Photoshop/GIMP EAGLE

LANGUAGES

Portuguese	Native
English	C1
French	A2

WORK EXPERIENCE

Assistant Researcher at CONVERGE project

2023 - Current

♥ INESC TEC - Institute for Systems and Computer Engineering, Technology and Science, Porto

EDUCATION

Doctoral Program in Electrical and Computer Engineering

2023 - ongoing

• Faculty of Engineering of the University of Porto (FEUP), Porto

Master degree in Engineering Physics Final grade: 18/20

Master's Thesis - Grade: 20/20

Sound Characterization of Urban Environments by Computational Methods

2020 - 2022

₱ Faculty of Sciences of the University of Porto (FCUP), Porto Faculty of Engineering of the University of Porto (FEUP), Porto

Bachelor in Technologic Physics

Programação I - 18; Estatística Aplicada - 18; Sinais e sistemas - 17; Eletrónica Digital e Microprocessadores - 16.

2017 - 2021

₱ Faculty of Sciences of the University of Porto (FCUP), Porto Faculty of Engineering of the University of Porto (FEUP), Porto

Cambridge English: Advanced (CAE)

2010 - 2019

♀ Lancaster College, Porto

PUBLICATIONS

Transformers for Urban Sound Classification - A Comprehensive Performance Evaluation

Ana Filipa R. Nogueira, Hugo S. Oliveira, José J. M. Machado, João Manuel R. S. Tavares

Sound classification and processing of urban environments: a systematic literature review

嶜 Ana Filipa R. Nogueira, Hugo S. Oliveira, José J. M. Machado, João Manuel R. S. Tavares

2022 Sensors, MDPI % 10.3390/s22228608

PROJECTS

PhD Student Fellow (reference 2023.02851.BD)

Assistant Researcher

1 Funded by Fundação para a Ciência e a Tecnologia (FCT), Portugal

AI-Care4U

Assistant Researcher

Tunded by INESC TEC, Porto

CONVERGE (reference 101094831)

Assistant Researcher

2 Co-funded by Foundation for Science and Technology and European Regional Development Fund under COMPETE - Operational Programme for Competitiveness and Internationalization

2023 - Current

♀ INESC TEC, Porto

Safe Cities - "Inovação para Construir Cidades Seguras" (reference POCI-01-0247-FEDER-041435)

Development of the MSc thesis within the scope of the project, under the orientation of PhD. João Manuel R.S. Tavares and co-orientation of MSc. Hugo S. Oliveira.

🖸 Co-funded by the European Regional Development Fund (ERDF), through the Operational Programme for Competitiveness and Internationalization (COMPETE 2020), under the PORTUGAL 2020 Partnership Agreement

2022

♀ FEUP, Porto

CERTIFICATIONS

Event participations 30th Portuguese Conference on Pattern Recognition - poster presentation **2024** 29th Portuguese Conference on Pattern Recognition - poster presentation **2023 #** 2023

The Portuguese Association for Pattern Recognition (APRP) - Second APRP Spring Gathering (2023)

Kaizen Institute - KAIZEN CHALLENGE 2022

2022

₩ 2021

Online courses

Kaggle - Python

Udemy - Beginning C++ Programming - From Beginner to Beyond mongoing ongoing Coursera - Machine Learning (Stanford University) **∰** 2023 Kaggle - Intro to Machine Learning ₩ 2021

EXTRA-CURRICULAR ACTIVITIES

Team member of the organising committee of the INVICTA Spring School (https://invicta.inesctec.pt/)

2023 - ongoing

Team member of the VCMI website (https://vcmi.inesctec.pt/)

2023 - ongoing

Federate athlete in Porto Basketball Association

2008 - 2018