



NUNO RAMOS CARVALHO

COMPUTER SCIENTIST

EXPERIENCE

2023 - 2024

AI/ML Software Engineer Intern

European Space Operations Centre, ESOC

AI driven, goal oriented mission planning and scheduling.

2019 - 2023

Data and Machine Learning Engineer

Guimarães Municipality

Designing intelligent systems for smart cities.

2015 - 2019

Research Fellow

United Nations University

Data science and development for different projects.

2008 - 2010

Software Engineer

SAPO, Portugal Telecom

Designing and developing high performance applications.

2004 - 2008

Network & Systems Administrator

Eurotux Informática, .S.A.

Administration of Linux systems clusters and services.

EDUCATION

2022

MsC in Astronomy and Astrophysics

Faculty of Sciences, University of Porto

2022

Space Studies Program

International Space University

2015

PhD in Computer Science

University of Minho, Aveiro and Porto

2008

MsC in Computer Science

University of Minho

2005

BsC in Systems Engineering and Informatics

University of Minho

CONTACT

✉ narcarvalho@gmail.com

🌐 <https://nunorc.github.io>

🌐 <https://linkedin.com/in/nuno-ramos-carvalho>

EXPERTISE & SKILLS

Professional

Time Management

Problem Solving

Communication

Teamwork

Creativity

Critical Thinking

Technical

{Machine, Deep} Learning

Data Science, NLP

Networks & Systems Admin.

Software Development

Web Stacks, Restful-APIs

Python, C/C++, Java, Haskell

PROJECTS

astroMLP <https://astromlp.nrc.pt>

Wiki Score <http://wiki-score.org>

Y-Space <http://y-space.se>

Portfolio <https://nunorc.github.io/#portfolio>

COURSES & CERTIFICATES

ML Engineering for Production (MLOps)

IBM Data Science Professional Certificate

Deep Learning Specialization

Machine Learning Specialization

Ladybird Guide to Spacecraft Operations

Space Mission Design and Operations

Fundamentals of Space Systems