



FERNANDO LUÍS SANTOS REGO

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Fernando Rego is currently enrolled in the **Doctoral Program** in Computer Engineering at the Faculty of Engineering of the University of Porto. During his academic journey, he served as a **teaching assistant** and began a **research scholarship**, marking the beginning of his professional career. Currently, he is an invited assistant lecturer at FEUP and a researcher at Fraunhofer Portugal AICOS, focusing on **TinyML** by integrating Machine Learning into Internet of Things (IoT) solutions, **distributed systems**, and **embedded systems**.

EDUCATION

Doctoral Program in Computer Engineering

Faculty of Engineering of the University of Porto 📍
February 2026 – Present 📅

MSc in Informatics and Computing Engineering

Faculty of Engineering of the University of Porto 📍
September 2022 – July 2024 📅

BSc in Informatics and Computing Engineering

Faculty of Engineering of the University of Porto 📍
September 2019 – July 2022 📅

Piano and Theoretical Music

Academia de Música Fernandes Fão 📍
September 2005 – July 2016 📅

PROJECTS

Personal Terminal Style Website

My personal terminal style website developed with TypeScript that contains a few things about me.
fernandorego.github.io 🌐
github.com/fernandorego 🐙

PERSONAL INTERESTS

🎸 Self-taught guitar learner 🎹 Piano

📖 Formula 1 🎮 Chess 🏊 Gym 🎬 Movies

WORK EXPERIENCE

Invited Assistant Lecturer

Lecturing practical Computer Laboratory classes
📍 Faculty of Engineering of the University of Porto
📅 February 2026 – Present

Scientist

Research on TinyML, IoT management and orchestration and embedded systems.
📍 Fraunhofer Portugal AICOS, Porto
📅 August 2024 – Present

Junior Scientist

Development focused on TinyML and Embedded Systems using Zephyr RTOS.
📍 Fraunhofer Portugal AICOS, Porto
📅 June 2023 – June 2024

Class Assistant

FEUP Project curricular unit class assistant.
📍 Faculty of Engineering of the University of Porto
📅 September 2023 – December 2023

PUBLICATIONS

NAMP: A Network-Aware Model Partitioning Framework for Constrained Devices

📍 RAGE 2025, CPS-IoT Week
🏠 CA, Irvine, University of Irvine
🌐 DOI: 10.1145/3722567.3727844