



Pedro Monteiro

Software Engineer



About Me

Master's in Computer Engineering from the University of Aveiro, with a thesis titled "Real-Time Weapon Detection in Surveillance Video Footages." I am a motivated, communicative individual who enjoys teamwork. In addition to my academic journey, I have been involved in various organizations and extracurricular activities with the goal of enhancing my professional and personal skills.



Contact



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Guarda, Portugal

</> Skills

- Python (Django)
- Java (Spring Boot)
- HTML/CSS
- Javascript/Typescript (React)
- SQL (MySQL, SQLite, NoSQL)
- Docker, Kubernetes
- Unix, Git



Education



Computer Science Engineering MSc Degree

Aveiro University

2022 - 2024



Computer Science Engineering BSc Degree

Aveiro University

2019 - 2022



Experience



Information Systems and Technologies Specialist

STIC - Aveiro

2023 - present

I actively engage in the full software development lifecycle within Agile/Scrum environments, collaborating proactively with multidisciplinary teams to define and implement innovative features. My work focuses on aligning technical goals with business objectives, ensuring the development of robust, scalable applications that effectively meet user needs.



Platform Management Team Leader

ENEI

Jan 2023 - Oct 2023

Responsible for the development and coordination of the team in charge of creating the web application that allowed students to register for the event and sign up for the workshops they were interested in, supporting the Portuguese National Meeting of Informatics Students in Aveiro.



Research & Development

STIC - Aveiro

Jul 2022 - Jul 2023

After successfully completing my final degree project with a grade of 19/20, I was invited, along with my colleagues, to continue working on it in order to further develop it into a production-ready product that could be used by the university.



Internal Management Section Member

NEI - AAUAv

Nov 2021 - Jul 2023

Responsible for the development of new features, as well as the continuous updating, troubleshooting, and maintenance of the course website, utilizing React, PHP, and MySQL.



Projects



Real-Time Weapon Detection in Surveillance Video Footages

- Django/React/MySQL/RabbitMQ/Docker/Nginx/Grafana/Prometheus/Jest/Selenium/YOLOv5



Professor Schedule Assigner

- React/FastAPI/SQL/Docker



SendASnack

- React/Spring Boot/MariaDB/CircleCI/Cucumber/JUnit/Jest/Jira



Gym Web Application

- HTML/CSS/Javascript/Spring Boot/MySQL/Docker



Certificates

- Full Stack Web Development - Udemy 2021
- Python Django - Udemy 2021