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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</> 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/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