

Antero Morgado

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[GitHub](#) | [Linkedin](#)

Summary

I am a Informatic and Computing Engineering student at the Faculty of Engineering of the University of Porto, an active member of the Association for Computing Machinery (ACM) Student Chapter and more recently, a member of the Electronics Department at MotoStudent FEUP, already been in a summer internship in Artificial Intelligence and I am always determined to learn and do more with excellence.

Currently searching for a challenging curricular internship position in a dynamic and innovative organization where I can use my technical and analytical skills in Software Engineering focused at low-level development or Artificial Intelligence models and then start there a full-time job. I am also eager to expand my knowledge in Cybersecurity and SAP software.

Education and Experience

Faculdade de Engenharia da Universidade do Porto

2022 - Ongoing

BSc Degree - Informatic and Computing Engineering

Human Resources **Head** and **President** of the General Assembly at [ACM FEUP – Feb 2024 - Ongoing](#)

Member of the Electronics Department at [MotoStudent FEUP – Oct 2024 - Ongoing](#)

INESC TEC

July, 2024

Summer Internship in the Artificial Intelligence research center of INESC TEC

Award: Best Summer Internship in [Artificial Intelligence](#)

Skills & Abilities

- Experience in Programming Languages (C, RISC-V, C++, Python, Java, SQLite, NoSQL, PostgreSQL, PHP, Haskell, Dart, JavaScript), Markup Languages (HTML, CSS, Markdown, LATEX) and others such as git, Flutter, pandas, procv, numpy, Figma, Laravel, JUnit, Linux, Docker.
- Methodologies such as OOP, TDD, Agile, SCRUM, Functional Programing, CRISP-DM.
- Fast learner.

Academic Projects

FEUP-reUse APP | [repo](#)

FEUP-reUSE is a mobile app for FEUP students to trade items like books, clothes, and appliances. With an Instagram-like interface, it runs on donations, no money involved. Developed with Flutter, Firebase, and SCRUM.

EcoExchange Website| [repo](#)

An Online Shop website made with SQLite, PHP, CSS and Javascript, fully responsible to different screen sizes. Secured against SQL injections, XSS and CSRF.

Association for Computing and Machinery FEUP

2024 - Ongoing

Being part of the ACM Student Chapter at the University of Porto has been a rewarding journey, particularly as the Head of the Human Resources team. Conducting interviews for the recruitment of new members to our student chapter, understanding the wills and dreams of my colleagues and their interpersonal relations has allowed me to refine my interpersonal and conflict resolution skills, gain valuable insights into the selection process, foster a sense of teamwork and team leading.

[Website](#)

During this internship, I worked with technologies such as Queras, TensorFlow, and RoboFlow. I trained and utilized YOLO models (v4 and v8) for image processing, developed enhancement algorithms, and implemented AI models for super-resolution while augmenting and annotating datasets. As part of a team of six interns, we developed algorithms for a mobile application designed to assist visually impaired users in their daily lives. This project was part of the Watson Project, an initiative funded by the European Union. My colleague and I achieved significant results by optimizing the provided code, fine-tuning image enhancement algorithms using image metrics, and applying super-resolution techniques.

Ultimately, we were awarded Best Summer Internship in Artificial Intelligence.

Workshops and related Events

Data Analytics, **Certified Course** (6 hours) Powered by APGEI – October 26, 2024

3rd Place at Porto Case Competition, Business Case Powered by Deloitte with Porto City Hall, FEUP, FEP and FCUP.

Flutter, Workshop Powered by NIAEFEUP - 2024

Encontro Nacional de Estudantes de Informática - September, 2023:

(University of Aveiro, Aveiro)

- *Análise e exploração de vulnerabilidades*, Workshop Powered by MC SONAE
- *Experimentação Tecnológica da IA à automação*, Workshop Powered by MC SONAE
- How to make a pitch, Workshop Powered by Accenture
- My first application using OutSystems, Workshop Powered by OutSystems

Cibersecurity, Workshop Powered by Accenture - 2023

C++, Workshop Powered by NIAEFEUP – 2023

Languages

- Portuguese (Matern)
- English B2 Cambridge Exam (First Certificate in English)
- Spanish (Intermediate)