Pedro **Silva**

Student · MSc in Informatics and Computing Engineering

Maia, Porto, Portugal

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Education

FEUP (Faculty of Engineering of the University of Porto) ↗   *Sep. 2023 - Expected Jul. 2025*
Master in Informatics and Computing Engineering   *Porto, Portugal*

PoliTo (Politecnico di Torino) - Erasmus+ ↗   *Oct. 2024 - Feb. 2025*
Master's degree programme - Computer Engineering   *Turin, Italy*

FEUP (Faculty of Engineering of the University of Porto) ↗   *Sep. 2020 - Jul. 2023*
Bachelor in Informatics and Computing Engineering   *Porto, Portugal*

Experience

NIAEFEUP - Informatics Student Branch ↗   *Dec. 2021 - Present*
Member   *Porto, Portugal*

- Developed software for the student community, while also organizing and participating in job fairs for the entire course, such as **Semana de Informática (SINF)** ↗ .
- Participated in various events representing NIAEFEUP, such as **Mostra UP** ↗ and **Semana Profissão: Engenharia** ↗ , along with other members, in order to discuss the course and the student branch.

ENEI - Encontro Nacional de Estudantes de Informática ↗   *Oct. 2024 - Apr. 2025*
Informatics Department   *Porto, Portugal*

- A four-day event featuring workshops, talks, networking, and entertainment activities.
- Contributed to the website's development, built using **AdonisJS + React** with **Inertia.js**.

Projects

Eventacle ↗   *Nov. 2024 - Mar. 2025*
Personal project

- An event prediction website with no money betting involved, built using **Laravel Jetstream + Vue** with **Inertia.js**).
- It allows users to create their own events, no matter how niche or localized they may be, and to predict the outcome of events with their friends to see who can achieve better results.

WordleLife ↗   *Jul. 2024 - Aug. 2024*
Personal project

- Built with **Nuxt**, inspired by other "Wordle spinoff" games such as Gamedle or Pokédle.
- Created the project after starting to play the aforementioned genre of games and not finding any satisfying versions related to wrestling, one of my interests.

Optiiscan ↗   *Feb. 2024 - Jun. 2024*
Course project

- A **SvelteKit** web app with large language model API integrations (**Gemini Pro Vision** and **GPT-4V**), this project analyses pictures of supermarket product packaging and extracts relevant information automatically.
- Followed a Scrum collaboration framework and had regular meetings with the client, serving as the team's spokesperson and the main point of contact between the two.
- Mostly backend work, mainly in the integration of both LLMs and the main app flow, from image uploading to information storage in a database. Also responsible for the website's hosting and maintenance on a virtual private server.

Skills

Languages	HTML5, CSS, JavaScript, TypeScript, PHP, SQL, Python, Java, Prolog
Frameworks and Libraries	React, Vue, Nuxt, SvelteKit, Laravel, AdonisJS, Tailwind CSS, Inertia.js, Node.js, Three.js
Tools	Git, Docker, Docker Compose, Oracle Cloud, Cloudflare Zero Trust, Sentry, Figma, Storybook, Agile
Speaking	Portuguese - Native, English - Cambridge C2 Proficiency