

Francisco Cascalheira

Porto, Portugal — francisco.cascalheira2006@gmail.com — +351 968 433 629

Profile

Second-year Computer Engineering student at FEUP with hands-on full-stack development experience in production environments. Currently the sole developer of a recruitment platform for *Câmara Municipal do Porto*, managing the full development cycle from requirements gathering to deployment. Secretary of ACM FEUP and participant in EBEC Porto, a pan-European engineering competition organized by BEST.

Experience

Software Developer

Feb 2026 – Present

Universal Linker, Porto, Portugal

- Sole developer of a full-stack recruitment platform for TERA, a youth employment initiative of Câmara Municipal do Porto (CMP).
- Designed and implemented the entire system architecture: candidate profiles, company accounts, vacancy listings, and an application pipeline.
- Attended requirements meetings directly with CMP stakeholders, translating institutional needs into technical specifications.
- Stack: React, TypeScript, Node.js, Express, PostgreSQL, Prisma, Firebase Auth.

Software Developer

Jul 2025 – Sep 2025

Cascalheira & Filho Lda, Proença-a-Nova, Portugal

- Built internal management software to track sales and invoicing for a family-owned business, replacing manual processes.

Education

BSc in Computer Engineering

Sep 2024 – Jul 2027 (expected)

Faculty of Engineering, University of Porto (FEUP)

Technical Skills

Languages Python, TypeScript, Java, C++, SQL
Web & Backend React, Node.js, Express, HTML/CSS
Tools & Infra Git, Linux, PostgreSQL, Prisma, Firebase

Academic Projects

EngineHER

2025 – Present

Software Engineering course – Flutter mobile app (team of 5, Agile/Scrum)

- Mobile platform connecting female engineering students with mentors and role models, addressing the gender gap in engineering.
- Developed iteratively across 3 sprints; responsible for requirements, architecture design, and implementation.

Space Invaders

2025

Software Design course – Java terminal game (team of 2)

- Arcade-style game built with Java and Lanterna, following MVC architecture with full unit and integration test coverage.
- Features seeded gameplay, progressive difficulty, and multiple game states.

Extracurricular Activities & Honours

Secretary, ACM FEUP

2025 – Present

Association for Computing Machinery – Porto Student Chapter

- Holds the 3rd highest position in the organization; full ACM international membership.

EBEC Porto 2025 – Certificate of Participation, Case Study Competition (*organized by BEST*)

Tech & Startup Community – Regular attendee of Porto-area events including Matosinhos Tech, 351 Startups, and Bitcoin meetups, driven by personal interest in entrepreneurship and emerging technologies.

Complementary Education

- **ENEI 2025** – National Meeting of Students of Informatics (attended).
- **ISC2 Cybersecurity** – Professional certification course (in progress).
- **Summer University**, University of Coimbra – High-school programme (2021, 2022).

Languages

Portuguese Native
English B2 – Upper Intermediate
Spanish B1 – Intermediate

Interests

Bitcoin & Blockchain, Cybersecurity, Web3, Austrian Economics, Investing, Philosophy, Ancient History, Literature, Travel

Other

Driver's Licence: Category B