ADRIANO VILHENA

systems @ nova ims

- Odivelas, Lisbon, Portugal
- adrianolop.v@icloud.com
- linkedin.com/in/adriano-vilhena
- adrxlv.github.io/portfolio



PROGRAMMING LANGUAGES

- C
- C++
- C#
- Java
- Python
- JavaScript

HARD SKILLS

- Databases & SQL
- ASP.NET & WebForms
- .NET Development
- Programming
- Computer Architecture
- Web Development
- Mobile Development
- Robotics & Embedded Tech

SOFT SKILLS

- Team Leadership
- Problem Solving
- Critical Thinking
- Adaptability
- Continuous Learning
- Project Management
- Cross-disciplinary Collab.

LANGUAGES

English: Full Professional
Portuguese: Native / Bilingual

HOBBIES & INTERESTS

- AI Agent Building
- Space Tech Research
- Robotics & Automation
- Coding & Home Labbing
- Self-hosting Services
- Photography & Piano
- Fencing
- Gaming & Music

PROFILE

I'm an Information Systems student and somewhat of a jack of all trades. I've always been curious about how different things work, which has led me to explore everything from software development and Artificial Intelligence to Cybersecurity, Robotics, and Space Technology. I enjoy learning by doing, building projects, experimenting with new technologies, and jumping between different fields whenever I find an interesting problem to solve.

I don't necessarily want to specialise in just one thing. I'm more interested in understanding how different areas connect and using that knowledge to build practical solutions. I'm still exploring where that path will take me, but I know I want to keep learning, take on difficult problems, and eventually create technology that has a real impact.

WORK EXPERIENCE

CEiiA // Centre of Engineering & Product Dev. — Jan 2026 – Feb 2026
.NET Developer • Porto, Portugal

CEiiA // Centre of Engineering & Product Dev. — May 2025 – Jul 2025
.NET Developer • Porto, Portugal

HACKATHONS & COMPETITIONS

Hack The City: Mobility Challenge 2nd Place — 2026
NOVA IMS • Urban Analytics Lab, POLIS Network & TML

Developed **"Mobi4All"** in a 48-hour hackathon using real public transport data from TML (**Transportes Metropolitanos de Lisboa**) to evaluate service reliability and deliver smarter transit routing.

FIRST Global (IFCA) — Team Portugal — Mar 2025 – Nov 2025
Programmer & Team Leader • Panama City, Panama

Programmer and team leader for Team Portugal at FIRST Global — the world's largest high school robotics championship.

CEiiA // Sustainable Living Innovators — Jul 2025 – Aug 2025
Innovator • Porto, Portugal

Researched *"How can technologies for the exploration of the Moon improve our life on Earth?"* within the Mobility Team.

FIRST Global (IFCA) — Team Portugal — Mar 2024 – Oct 2024
Programmer • Athens, Greece

Programmer for Team Portugal at FIRST Global in Athens — the world's largest high school robotics championship.

EDUCATION

NOVA IMS Information Management School — Sep 2026 – Present
Bachelor's Degree in Information Systems

Instituto dos Pupilos do Exército — Sep 2023 – Aug 2026
Professional Secondary Education — Management & Systems Programming