SALVADOR LOURENÇO ANTUNES

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NOVA SCHOOL OF SCIENCE & TECHNOLOGY

Final-year BSc Computer Science and Engineering student at NOVA School of Science and Technology with a strong academic record and experience exploring Generative AI applications in enterprise environments through an internship at NTT DATA. Interested in software engineering, artificial intelligence and backend development.

Education

BSc Computer Science and Engineering | NOVA School of Science and Technology 2024 – 2027

Current GPA: 16.12/20 (2026)

Notable Grades: Probability & Statistics 19/20, Databases 17/20, OOP 18/20, Programming Languages & Environments 18/20

Experience

Summer Intern, Enterprise Optimization | NTT DATA Portugal Jul 2026 – Aug 2026

- Researched Generative AI applications for Appian development using tools such as **MCP servers and AI agents**.
- Created technical documentation on **AI-assisted development**, accelerating onboarding for the EO team.

Technical Projects

SKYHACK by LX Launch – Top 10 Finalist | Stack: TypeScript, Cursor, Vercel, ElevenLabs GitHub Demo

- Developed **SoftLanding**, an AI-powered mental wellbeing application for patients awaiting medical results.
- Collaborated in a team of three to build and deploy a working prototype using **Cursor and Vercel**.
- Integrated **ElevenLabs API** speech-to-text and text-to-speech capabilities, enabling voice-based interaction.
- Selected as a **Top 10 Finalist** and pitched the complete solution directly to the jury.

JunctionX Lisbon 2026 – NOS Challenge | Stack: Python, Google Gemini API, Lovable, PyMuPDF GitHub Demo

- Developed a **Python** and **Google Gemini API** pipeline to mask sensitive data in Portuguese medical reports.
- Designed a **multi-stage LLM architecture** decoupled from deterministic text masking.
- Implemented an automated evaluation loop with AI generated synthetic data, achieving a **0.982 F1-score**.
- Built a **Lovable** web app to demonstrate the end-to-end pipeline during the final pitch.

Student Manager App | Stack: Java GitHub

- Developed a Java console app to manage students, subjects, and grades using **object-oriented design**.
- Used interfaces and abstract classes, **custom data structures**, sorting and filtering mechanisms.
- Implemented data persistence using **Java serialization**.

Other Projects: Hackathon AInnovation (NTT DATA X CGD), BlackJack Game (Java), Desktop PC Assembly and Configuration

Skills

Programming Languages: Java, C, C#, Python, SQL, JavaScript, Prolog, OCaml, Assembly, HTML

Backend, APIs & Databases: .NET, REST APIs, LINQ, Oracle APEX, XML, Postman, SQL Server

AI & LLM Tools: Google Gemini API, ElevenLabs API, Lovable, Cursor, GitHub Copilot

Cloud, Web & Development Tools: Microsoft Azure, Vercel, Appian, Git, GitHub, WebGL

Certifications: Google AI Essentials, Career Essentials in Generative AI by Microsoft and LinkedIn

Soft Skills: Teamwork, Leadership, Problem-solving, Decision-making, Proactivity, Ambition, Strong Work Ethic

Languages

Portuguese - Native

English - C1 (EF SET English Certificate) | First Certificate in English

Other Activities

Rugby Player for Sporting CP Nov 2019 – Sep 2023 **and for AEFCT 7s Team** Sep 2026 – Present

Competed as part of a team environment, developing teamwork, discipline, resilience, and communication skills.

Volunteering

Banco Alimentar Contra a Fome | Irmãs Hospitaleiras | World Youth Day 2023