Samuel Esteves Gomes

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Education

INSTITUTO SUPERIOR TÉCNICO

Lisbon, Portugal

Bachelor's Degree in Computer Science and Engineering

September 2023 - Present

Average: 17.66/20

Relevant Courses: Operating Systems, Algorithms and Data Structures, Artificial Intelligence, Databases,

Computer Networks

Experience

JUNITEC Lisbon

Consulting Department Member

March 2024 - Present

• Built full-stack software for internal tools and client-facing apps using React, Go, and SQLite.

• Participated in end-to-end development, from client requirement analysis to product delivery.

OESTE RESCUE Santa Cruz, Lisbon
Lifeguard June 2024 – September 2024

• Ensured the safety of 40+ swimmers in high-pressure environments.

• Developed strong focus, responsibility, and decision-making under stress.

Activities

NEIIST

Member of the Quality Control Department

October 2024 – Present

- Managed Google Forms and processed event data in Excel to support workshops, registrations, and feedback analysis.
- Collaborated with the team to improve events and member experience based on survey insights.

Projects

Metro Lisboa Tracker (see it here)

Real-time metro tracker web app for Lisbon commuters.

- Built with React.js, using live API data to show train locations and wait times.
- Designed for fast access to metro line status and station info.

Task Manager (CRUD API + Angular Frontend)

Google Tasks-style task manager with full user auth.

- Java Spring Boot backend, Angular frontend, PostgreSQL DB.
- Secure login with Spring Security. Full CRUD support.

TC-Helper

Learning tool for Theory of Computation course.

- Built with Next.js and FastAPI.
- Uses Ollama and LLaMA 3.2 to answer theoretical CS questions.

Skills

Programming Languages: Python, Java (Spring Boot), Go, JavaScript (React), SQL

Tools & Frameworks: Git, Linux, Docker, SQLite, FastAPI, Spring Security

Certifications: ISC2 Certified in Cybersecurity, AWS Cloud Essentials, Scrum Fundamentals