

# Hugo Pereira

✉ hugsouper@gmail.com    GitHub    LinkedIn   ☎ +351 961 371 023

## Education

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### Instituto Superior Técnico (Técnico Lisboa)

*Master in Computer Science & Engineering*

**Sep 2026 – Present**

Lisbon, Portugal

### Instituto Superior Técnico (Técnico Lisboa)

*Bachelor in Computer Science & Engineering – GPA: 17.5/20*

**Sep 2023 – Jul 2026**

Lisbon, Portugal

### University of Coimbra - FCTUC

*Challenges in IT (Non-degree course)*

**Oct 2022 – Jun 2023**

Coimbra, Portugal

- Focused on Python & machine learning team projects.

## Professional Experience

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### Instituto Superior Técnico - DEI

*Teaching Assistant - Operating Systems & Distributed Systems*

**Jul 2026 – Present**

Lisbon, Portugal

- Assisting students with lab exercises, grading assignments, and developing course project materials.

### Instituto Superior Técnico - DEI

*Team Coordinator & Undergraduate Research Fellow*

**Jan 2025 – Present**

Lisbon, Portugal

- Leading an 8-student Dev team optimizing IT infrastructure, DevOps, and Linux systems.
- Built a thesis management sub-system using Java Spring Boot and Vue integrated with the university API.

### SWERC (ICPC Regional Qualifier)

*Staff Member - Sys Admin*

**2025**

IST - Lisbon, Portugal

- Maintained high availability of competition infrastructure and resolved hardware/network issues for contestants.

### Reltio

*QA Engineer Intern*

**Jul 2025 – Oct 2025**

Lisbon, Portugal

- Automated API test suites using Karate and Java; integrated them into Jenkins CI/CD pipelines.
- Partnered with Agile teams to identify and resolve defects in cloud-native MDM services.

### Instituto Superior Técnico - LMC DECivil

*Undergraduate Research Fellow*

**Jul 2024 – Jan 2025**

Lisbon, Portugal

- Handled technical support, hardware/software troubleshooting, and computer lab administration.

## Volunteering Experience

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### SWERC (ICPC Regional Qualifier)

*Exam Supervisor*

**2024**

IST - Lisbon, Portugal

- Monitored programming contests to ensure rule compliance and supported overall event operations.

### Instituto Superior Técnico

*Student Mentor*

**Sep 2024 – Present**

Lisbon, Portugal

- Guided incoming students to assist in academic adaptation.

### Web Summit

*Support Team Member*

**2024**

Lisbon, Portugal

- Handled attendee registration, credential organization, and IT support.

## Technologies & Skills

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**Languages:** C | C++ | Python | Java | JavaScript | TypeScript | SQL | Shell

**Frameworks & Tools:** Spring Boot | Vue.js | Node.js | Docker | Kubernetes | Jenkins | Git

**Systems & OS:** Linux | NixOS | Ubuntu | Debian | Proxmox | Networking

## Miscellaneous

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**Languages:** Portuguese (Native) | English (Fluent)

**Hobbies:** Motorcycling | Cinema | Traveling | Programming Challenges