Hugo Pereira

me@operas.pt operas.pt blog.operas.pt GitHub LinkedIn

Education

Instituto Superior Técnico (Técnico Lisboa) **Sep 2026 – Present**
Master in Computer Science & Engineering Lisbon, Portugal

Instituto Superior Técnico (Técnico Lisboa) **Sep 2023 – Jul 2026**
Bachelor in Computer Science & Engineering – GPA: 17.5/20 Lisbon, Portugal

University of Coimbra - FCTUC **Oct 2022 – Jun 2023**
Challenges in IT (Non-degree course) Coimbra, Portugal
• Focused on Python & machine learning team projects.

Professional Experience

Instituto Superior Técnico - DEI **Jul 2026 – Present**
Teaching Assistant - Operating Systems & Distributed Systems Lisbon, Portugal
• Assisting students with lab exercises, grading assignments, and developing course project materials.

Instituto Superior Técnico - DEI **Jan 2025 – Present**
Team Coordinator & Undergraduate Research Fellow 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) **2025**
Staff Member - Sys Admin IST - Lisbon, Portugal
• Maintained high availability of competition infrastructure and resolved hardware/network issues for contestants.

Reltio **Jul 2025 – Oct 2025**
QA Engineer Intern 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 **Jul 2024 – Jan 2025**
Undergraduate Research Fellow Lisbon, Portugal
• Handled technical support, hardware/software troubleshooting, and computer lab administration.

Volunteering Experience

SWERC (ICPC Regional Qualifier) **2024**
Exam Supervisor IST - Lisbon, Portugal
• Monitored programming contests to ensure rule compliance and supported overall event operations.

Instituto Superior Técnico **Sep 2024 – Present**
Student Mentor Lisbon, Portugal
• Guided incoming students to assist in academic adaptation.

Web Summit **2024**
Support Team Member Lisbon, Portugal
• Handled attendee registration, credential organization, and IT support.

Technologies & Skills

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

Languages: Portuguese (Native) | English (Fluent)
Hobbies: Motorcycling | Cinema | Traveling | Programming Challenges