

RODRIGO SILVA

Lisboa, Portugal

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EDUCATION

Instituto Superior Técnico - IST

Master Degree in Computer Science and Engineering
Specialization in Distributed Systems and Software Engineering

September 2020 - Present

Current Average : 16.0

Instituto Superior de Engenharia de Lisboa - ISEL

Bachelor Degree in Computer Science and Engineering

September 2017 - July 2020

Average: 17.07

Liceu Passos Manuel

Computer Systems Management and Programming Technician Professional Course (Level 4)

September 2013 - September 2016

Liceu Passos Manuel

Computer Operator Training (Level 3)

September 2012 - July 2013

TECHNICAL KNOWLEDGE

Programming Languages

C, Java, Kotlin, C#, JavaScript/TypeScript

Runtimes

JVM, .NET, Node

Database Technologies

Microsoft SQL Server, PostgreSQL, ElasticSearch, Couchbase

Frameworks

Spring, React, Android

Other Tools

Latex

EXPERIENCE

Instituto Superior Técnico - IST

Network and Computer Security Teaching Assistant

November 2021 - Present

INESC-ID Distributed Systems Group

Research Intern

September 2021 - Present

Sky Technology Centre - Portugal

Software Engineer Intern

July 2021 - September 2021

Mentored by João Amaro

- Worked on the LISTA internship project, developed a system that provides a single platform to search for live high-profile events in European and US territories.
- Requirement's analysis, understanding what's the problem and how the internship solution will help.
- CI/CD, integration with Sky core platform (pipeline with production and development environment).
- Backend which consumes information from other Sky services(schedules, services, regions, territories, and others).
- Frontend to display the information to the user.

Instituto Superior de Engenharia de Lisboa - ISEL

Scholarship Researcher in the Project EDDMDCA - Early Dropout Detection: Methodologies, Data Collecting and Analysis

October 2019 - October 2020

Mentored by Pedro Miguens

- Developing an information system.
- Extraction, transformation and loading data tasks.
- Solutions based on parallel processing and distributed systems.
- Risk and behaviour modulation systems.
- New receiving data methodologies.

- Participating in the installation, configuration and support infrastructure testing to the processing services developed.

ACADEMIC ACHIEVEMENTS

Excellence award at Liceu Passos Manuel during my last year of highschool(2016)

LANGUAGES

Native Portuguese	Full Professional Proficiency English
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RELEVANT COURSES

Core Courses Software Architectures Parallel and Distributed Computing Concurrent Programming Network and Computer Security Management and Administration of It Infrastructures and Services	Other Courses Web Applications Development Software Testing and Validation Cloud Computing and Virtualization Large Scale Systems Engineering
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POSITION OF RESPONSIBILITY

Computer Science and Engineering Students Commission <i>2nd Year Students Representative</i>	December 2018 - July 2020 <i>ISEL</i>
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EXTRA-CURRICULAR

SINFO <i>Member of the Development Team</i>	May 2020 - Present <i>IST</i>
SINFO is a college student and non-profitable organization responsible for the planning of one of the biggest Tech events in Portugal. It's an annual conference that takes place at the Alameda Campus of Técnico Lisbon, in the capital city of Portugal, Lisbon. My role in the organization is to help develop the platforms used by the organization and by the attendees. Outside my specific roles, I contact potential speakers, usually people in relevant positions or with interesting contributions to Computer Science and Software Engineering.	

CERTIFICATES

Google <i>The Fundamentals of Digital Marketing</i>	February 2021
EFSET <i>English Certificate</i>	February 2021 74/100 - C2 Proficient