

Luís Mário Macedo Ribeiro

Personal info

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About me

I'm Luís Mário, a software engineer based in Braga, Portugal.

I am a University of Minho's student currently attending a masters degree on **Language Processing** and **Formal Methods**.

Regarding internships, I'm willing to learn more and earn experience with the job market.

<i>Languages</i>	Portuguese (native), English (high level)
<i>Soft Skills</i>	Easily Adaptable, Fast Learner, Organized, Motivated, Dynamic
<i>Personal Interests</i>	Programming, Running and Sports, Photography, Exploring

Education

University of Minho <i>Integrated Masters in Software Engineering</i>	2017-2022 (in progress)
Bachelor's final average grade ≈ 14	
Master's current grade ≈ 18	
Current average grade ≈ 15	
Escola Secundária Caldas das Taipas <i>High School - Sciences and Technologies</i>	2014-2017
Final average grade ≈ 17	

Extra curriculars

MyPhone <i>Employee/Attendant</i>	Summer of 2017
<ul style="list-style-type: none">MyPhone was a allocated store in Caldelas, Guimarães dedicated to the sell and repair of technological products.	
RoboParty <i>Member of a Robot team.</i>	2016
<ul style="list-style-type: none">RoboParty is a pedagogical event to teach how to build autonomous mobile robots in a simple and fun way, guided by qualified professionals.	

Major projects

raiML Utilities

February 2021 - July 2021

The main goal was to verify the syntax of the railML, conferring a great attempt that verified missconfigurations with the help of Alloy model checking framework.

Technologies: Alloy, Python, Java, JavaScript, ShellScript

School File Manager

October 2020 - January 2021

Platform that provides a well-based support for storing and managing educational resources.

Technologies: ExpressJS, Pug, JavaScript, MongoDB

PorTOURgal

January 2020 - July 2020

Mobile Application, which allows users to easily locate the best tourism options in each district across Portugal.

Technologies: Xamarim, C, MongoDB

CocktailDB

February 2021 - July 2021

Web application that provides useful and organized information about Cocktails, based on a well-formed cocktails ontology database.

Technologies: Python, Protege, ExpressJS, JavaScript, MongoDB, GraphDB

Technical skills

Programming Languages

Bash, C, Haskell, Java, Python, JavaScript

Markup Languages

LaTeX, Markdown, Org-mode

DataBases

SQL (mysql), NoSQL (mongodb, graphdb)

Software

Vim, VSCode, Alloy, Temporal Logic (LTL, CTL), Lex/Yacc

Tools

Git, GraphDB, Protege, Electrum, UPPAAL, Why3, antLR4