

LUIS RIBEIRO

S O F T W A R E E N G I N E E R

PROFILE

I am a young adult that is driven by other life and culture experiences.

Essentially, I am enthusiastic with the appliance of Formal Methods in computing.

Checkout my [portfolio](#).



CONTACT



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Email

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MY SKILLS

Model-Checking



Software Modelling and Design



Languages and Grammars



Back-End Development



Front-End Development



PERSONALITY

- Enthusiastic and Adaptable.
- Honest and Responsible.

PROGRAMMING

Python	<div></div>
JavaScript	<div></div>
C	<div></div>
Haskell	<div></div>
Java	<div></div>

WORK EXPERIENCE

Internship HydraIT

2022

- Microsoft's ERP Business Central.
- Consulting and Implementation.

Researcher INESCTEC

2022

- Hyperproperties and Model-Checking.
- Correctness over distributed systems.

EDUCATION HISTORY

Masters - Software Engineering

Universidade do Minho

2017-2022



OS and Distribution

2019-2020

- Linux and System Calls.
- Parallel computing and Memory handling.

Skills: C, Java, Linux

Computation with effects

2019-2021

- Algorithmic structures and Monads.
- Lambda calculus and reasoning.

Skills: Haskell, C

Application Development

2020-2022

- Mobile and Web Development.
- Front-End and Back-End.

Skills: JavaScript, C#, Python, MongoDB, PostgreSQL

svROS - Thesis

2021-2022

- Python tool deployed with several functionalities.
- Study of Hyperproperties in ROS-based systems.
- Security and Privacy as properties.

Skills: Alloy, Python, Distributed Systems, ROS, Security

ACTIVITIES

- I enjoy reading about Computation Theory (from Logic to AI) and Philosophy (i.e. Simone de Beauvoir).
- I also like exercising (sports and running) and taking self-reflecting walks.