Luís Macedo
Software Developer

✉ luisjrsm@hotmail.com
📅 23 years old
🏳 Portuguese
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I am a focused person, able to work in almost any environment. I also like to consider myself a critical thinker, allowing me to identify several possible scenarios.

Education

Integrated Master's degree, Informatic Engineering
Universidade do Minho Braga, Portugal
Since September 2016
Specializing in Computer Graphics and Data Science.

Additional education

Information Security: Context and Introduction Royal Holloway, University of London Online
June 2021
Credential

Applied Cryptography Specialization University of Colorado Online
From July 2020 to August 2020
Credential

Identifying Security Vulnerabilities University of California, Davis Online
From June 2021 to July 2021
Credential

Languages

Portuguese

English

Social networks

in Luís Macedo

 @FallenFoil

Interests

Electronics

Watching series

Cybersecurity

Gardening

Computer skills

Programming paradigm	Imperative, functional & object-oriented
Programming Languages	C, Java, Python, JavaScript, and other
Database	MySQL, MongoDB & Neo4j
Web	HTML, CSS, ReactJS & Vue
Software development/design	Agile, Scrum, MVC & MVVM
Tecnologies	Docker, ASP.Net, VirtualBox, Nmap, Wireshark, SSH, Linux & Bash.

Work experience

Research Assistant (Research Grant) INESC Technology and Science - Associate Laboratory Braga, Portugal
Since April 2021

I am designing, implementing, and evaluating a prototype that capitalizes on security capabilities added by **TrustZone** (**OP-TEE**), namely attestation, to respond to the security challenges posed by the **ROS2** and implement this solution in a real environment (on an **ARM** chip).

Software Engineer Accenture Braga, Portugal
From October 2020 to February 2021

In collaboration with **Accenture**, my group and I was tasked to improve an already built fleet management web app on the **Google Cloud Platform**. I implemented new features, mainly on the front-end, using **ReactJS**.
In addition, my group and I did research and wrote a technical report on optimizing current public transport services in a futuristic scenario based primarily on Machine Learning pipelines.

Software Developer Iluminações Teixeira Couto Paredes, Porto, Portugal
From July 2019 to August 2019

Beginning of the development of a management platform in **Laravel** (**PHP**) and **Vue.js**.