

# Rui Machado

MSc in Informatics Engineering

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/rmachado23 

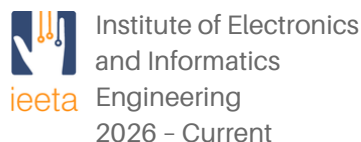
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<https://ruimachado.me> 

## ABOUT ME

Informatics Engineering graduate from *Universidade de Aveiro*, currently pursuing a Master's degree. Strong background in software engineering and full-stack development, with ongoing involvement in blockchain research and development. Strong interest in continuing to explore and deepen knowledge in the blockchain domain.

## EXPERIENCE



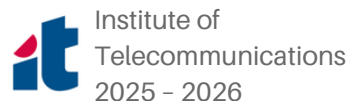
### Agentic AI Researcher

Researching and building a multi-agent AI platform for education in which teacher and student agents collaborate to support learning. My work focuses on the framework for defining and orchestrating collaborative AI assistants, while my dissertation extends the platform with a verifiable-credentialing layer in which autonomous agents assess student competence and issue verifiable credentials anchored on blockchain, keeping them tamper-proof, student-owned, and portable beyond the issuing institution.



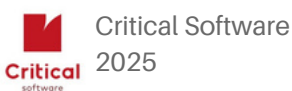
### Team Manager & Board Member

Lead the team responsible for managing the association's visual identity. My role includes coordinating tasks, approving team outputs, and chairing meetings to ensure alignment with the association's goals. I actively participate in strategic decision-making processes to shape the direction, initiatives, and internal policies of the association.



### Blockchain Researcher

Conducting blockchain research and development within the BLOCKCHAIN.PT mobilizing agenda WP9. My work focuses on investigating blockchain-based certification solutions, building web platforms for credential management, and integrating digital wallet technologies.



### Summer Internship

Collaborated with professionals from different areas to develop an autonomous car, from hardware assembly to software implementation.

## MAIN PROJECTS



### Bachelor's Final Project

Collaborated with IEETA (Institute of Electronics and Informatics Engineering of Aveiro) on the development of a personalized travel planning platform. It aims to simplify and accelerate the process of trip creation. Based on user preferences, budget, and other parameters, the platform generates complete itineraries within minutes.

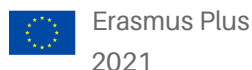
More information in <https://voyage-pi.github.io/>.



### RMCoin Cryptocurrency

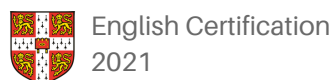
Developed a proof-of-work cryptocurrency featuring distributed nodes, secure transactions, and smart contract functionality.

## CERTIFICATIONS



### Youth in Policy Dialogue

A program focused on fostering youth engagement and participation in policy-making processes across Europe.



### Cambridge English Level 1 Certificate in ESOL International (First)

FCE - English C1 - level B2