TIAGO TAVARES

When I was 5 years old, I asked my father if we could have internet in the house. "What for?" he questioned me. "With it, we can have all the information in the world!". Today I am a father, student and engineer, focused on technology driven solutions, ready to design a project and to manage its impact in the world.

CONTACT

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- in tiagommtavares

SKILLS

Technical Areas

Blockchain Development	●●●●●○
Data Engineering	●●●●●○
Data Science	●●●●○○
Operations Management	●●●●○○
Financial Management	●●●○○

Programming

Solidity	●●●●●○
Rust	●●○○○
Python	●●●●●○
Typescript	●●●●●○
R	●●●●○
Shell Scripting	●●●●○○
Pascal	●●●●○○
VBA	●●●○○

Software & Tools

Docker	●●●●○○
Hardhat/ Truffle/ Brownie	●●●●○○
Data handling/analysis	●●●●○○
(e.g. Minitab, Rapidminer, Pandas, ...)	
Excel	●●●●●○
Powerpoint	●●●●●○

Languages

Portuguese (native)	
English	●●●●●○
German	●●●○○

GENERAL SKILLS

Learning · Adaptability · Creativity · Resiliency · Communication · Time Management · Hard Working · Problem Solving · Micromanaging

CERTIFICATES

Ethereum 101 (Ivan On Tech Academy)
Investing In Stocks (Udemy)
First Certificate in English (Cambridge)

🎓 EDUCATION

📅 Sep 2020 - Now 📍 Faculty of Engineering of the University of Porto (FEUP), Porto	**Master's in Industrial Engineering and Management** Current GPA: 17/20
📅 Sep 2014 - Jun 2017 📍 Escola Secundária Alves Martins, Viseu	**Secondary School – Sciences and Technology** Final GPA: 19/20

⚙ WORK HISTORY

Blockchain Developer

📅 Jan 2022 - Today   📍 INESC TEC, Porto

- Worked on the developing team of a digital platform for renewable energy communities in Portugal;
- Designed, developed and tested a React web-based application that supports a centralized backend, using Flask, and a decentralized backend, using Energy Web Chain;
- Designed a centralized cloud-based management and monitorization IoT platform;
- Designed and developed a collective self-consumption, settled after the fact with a double auction mechanism local energy market;
- Collaborated with colleagues from other departments in the design and implementation of micro-service applications for DER predictive management, flexibility optimization and operation in islanded mode;

Vice-President

📅 Dec 2019 - Jul 2020   📍 AGE-i-FEUP | ESTIEM LG Porto, Porto

- Oversaw the organization of 3 international events hosted by the local group, fostering deep relationships with the association's partners;
- Developed and cultivated team working and leadership skills and a strategic mindset;

ACHIEVEMENTS, HONOURS AND AWARDS

- 🏆 ETHOnline 2021 Hackathon Winner
- 🏆 Merit Diploma 2015 - 2017: GPA higher than 17,5.
- 🏆 2nd National Ski Competition (Between the ages: 13-14).
- 🏆 24/44 Countries visited in Europe.

EXTRACURRICULAR EXPERIENCES

Sports	Rock Climbing, Canyoning, Martial Arts, Ski, Chess, Rugby.
Travelling	2 three-week Interrails, 1 seven-day Intrarrail.
Web Summit	I volunteered for 3 days in the night summit program 2017.
Projeto Quark!	Participation in the national preparation program for the international Physics' Olympiad 2017.
Music	Multiple music festivals and concerts.