

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

✉ tiagommt20@gmail.com
☎ +351 965068208
@BigTava
in tiagommtavares

SKILLS

Technical Areas

Blockchain Development
Data Engineering
Data Science
Operations Management
Financial Management

Programming

Solidity
Python
Rust
Typescript
R
Shell Scripting
VBA

Software & Tools

Docker
Hardhat/ Truffle
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)
Full Stack Developer (LinkedIn)
Investing in Stocks (Udemy)
First Certificate in English (Cambridge)

EDUCATION

📅 Sep 2020 - Jun 2022
📍 Faculty of Engineering of the University of Porto (FEUP), Porto
Master's in Industrial Engineering and Management
Final 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

- Working 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.