

José David Rocha



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👤 PROFILE

I'm a proactive and motivated 23-year-old tech enthusiast, with a passion for web/mobile and game development. I enjoy travelling, practising sports, and socializing, always aiming to step out of my comfort zone. During my years of practising sports, I embraced values such as teamwork, mutual help, healthy competitiveness, and relentless effort. I continuously seek inspiration to optimize my work and become not only a better professional but also the best version of myself. My goal is to contribute to innovative tech projects and make a positive impact in the industry.

🌐 LANGUAGES

Portuguese ● ● ● ● ●
English ● ● ● ● ●
Spanish ● ● ● ● ●

🧠 SKILLS

Programming Languages

Python, C#, C++, Java, Javascript

Web Development

HTML5, CSS3, PHP, Laravel, Node.js, React.js, Bootstrap

Database Management

MySQL, PostgreSQL, MongoDB, Firebase

DevOps

Git, GitHub Actions, Docker

Computer Graphics

Unity, WebGL

Data Analysis

Pandas, NumPy, Matplotlib, Seaborn

📄 CERTIFICATES

Cambridge Certificate in Advanced English (CAE)

Cambridge Assessment English | 2015

📁 EXPERIENCE

Internship (Master's Thesis Development)

ZeroZero

02/2023 – 2023 | Gaia, Porto, Portugal

In a professional work environment, I actively engaged in collaborative discussions with a team of professionals to develop my Master's Thesis. I gained valuable experience and showcased my strong problem-solving skills in tackling any challenges that arose during the development phase.

🎓 EDUCATION

Master's Degree

Faculdade de Engenharia da Universidade do Porto

2021 – 2023 | Porto, Portugal

Completed with a grade of 18/20

Erasmus+ Mobility Programme

Wydział Matematyki i Informatyki Uniwersytetu Łódzkiego

09/2022 – 02/2023 | Łódź, Poland

Completed with a grade of 4.81/5

Bachelor's Degree

Faculdade de Engenharia da Universidade do Porto

2018 – 2021 | Porto, Portugal

Completed with a grade of 15/20

📁 PROJECTS

Master's Thesis

Evaluation of Text Diversity over time for Automatically Generated Texts in Sports Journalism

2023

- Developed a novel metric which evaluated text diversity over time in news feeds
- Contributed to NLG system Prosebot ☑
- Made with Python and React.js

College Standouts

Projects developed during academic period

Rushing B ☑ and TimeHopper ☑

2D side-scroller and 3D horde-like games | 2022

- Made with Unity

RNG - Reviews & News in Gaming ☑

Full-Stack WebApp | 2021

- News forum for gaming (similar to Reddit)
- Made with HTML, CSS, Bootstrap, Laravel and Javascript

P2P Distributed Backup Service for the Internet ☑

2021

- Implementation of a Chord architecture for message exchange between peers.
- Made with Java

Confmate ☑

Conference Companion Mobile App | 2020

- Designed for easy navigation during conferences
- Made with Flutter

Stock Market Analysis ☑ and Loan Risk Analysis ☑

Data Mining | 2021

- Development of predictive models
- Made with Jupyter, Pandas and scikit-learn