João Paulo Martins

Anápolis, Brazil | jpamdev@gmail.com | João Paulo Martins | 40fathoms | Portfolio

Profile

Licentiate degree in physics and master's in Molecular Sciences. I'm seeking a full-time Front-end web developer job where I can contribute to the company's goals with my coding skills. I have experience working with responsive websites using Git, Figma, HTML, CSS, SASS, ES6+ JavaScript and React.

Certifications

JavaScript Algorithms and Data Structures,
freeCodeCamp
2021

Responsive Web Design, *freeCodeCamp*
2021

Technical Skills

- React
- JavaScript
- CSS / SASS
- HTML
- Git
- Figma
- Fortran

Additional Skills

- Strong problem abstraction skills
- Strong teamwork, public speaking, mentoring, diplomatic and interpersonal communication skills
- Excellent critical thinking skills
- Confidence

Languages

Portuguese
English
Spanish
French

Education

Master's degree in Molecular Sciences,
Universidade Estadual de Goiás
2019 – 2021 | Anápolis, Brazil

Licentiate degree in Physics,
Universidade Estadual de Goiás
2015 – 2018 | Anápolis, Brazil

Professional Experience

Physics Tutor, *Self-employed*

- Cultivated the student's potential using a methodology that contextualizes the subjects, facilitating their understanding and improving student performance.
- Aug 2019 / May 2020 - Tutored an undergraduate civil engineering student with hearing disability, and the help of an interpreter. Worked content included AP Physics 2 (thermodynamics, fluid mechanics, waves and sounds, electricity and magnetism).
- Mar 2019 / Jun 2019 - Tutored a student applying for a civil service examination. Worked content included high school level AP Physics 1 and 2.

Intern Teacher, *Colégio Estadual Rotary Donana*

- Sep 2017 / Dec 2018 - Created lesson plans for students according to their unique needs, promoting a better learning experience and fair assessment. Worked content included high school level AP Physics.

Undergraduate Researcher,
Universidade Estadual de Goiás

- Aug 2017 / Jul 2018 - In this research I studied the rovibrational and thermodynamic properties of the C60 fullerene dimer. Values of the rovibrational spectroscopic constants were obtained with the Generalized Simulation Annealing stochastic algorithm, developed in Fortran.
- Aug 2015 / Jul 2017 - In this project I studied the intercalation dynamics and diffusion of water in expandable synthetic nanosilicates, performing a qualitative analysis of the profile of oscillations in the vicinity of the absorbing atom through XAFS-LNLS line measurements as a function of temperature variation with humidity in the nanosilicate.