

Lígia T. Monteiro

FRONT-END DEVELOPER ·

Porto, Portugal

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Education

- 2018 MSc in Civil Engineering
- Structural engineering
Faculty of Engineering
- U. Porto
Dissertation Title (18/20)
- Assessment of train's stability over railway bridges under crosswinds.
- 2014 BSc in Civil Engineering
ISEP
- IPP
- 2012

Skills

Beginner



Angular

Intermediate



JavaScript



React



Node.js



Redux



GIT



Inkscape



Photoshop



Illustrator



Figma

Advanced



VSCode



HTML



CSS

Languages

Portuguese: Native Speaker

English: Fluent (C1)

Goals and Motivation

For as long as I can remember, I have always been an enthusiast of computer science. During my years as a researcher, I started to learn how to program and develop algorithms. It was an insightful experience that nurtured my passion. For the last couple of years, although I never dared to take the risk and change careers, I kept learning new skills and developing my knowledge in this subject.

More recently, I realised that I utterly want to pursue a career as a front-end developer, and at the beginning of this year, I started to dedicate my free time to improving my skills on front end. Since June, I have decided to commit full-time to studying this field.

Experience

Freelancing and Studying

[June, 2022 - now]

During this period, I continued (and finished) some courses that I started at the beginning of the year (such as Odin Project, Codecademy and FreeCodeCamp). I also enrolled in a React Bootcamp. It was crucial to leverage my knowledge about this library, with which I did several projects. Moreover, I started studying different frameworks, such as Angular, and I did numerous challenges to improve my JavaScript knowledge. Along the way, I worked on multiple projects with distinct purposes.

Project Manager - Finegarb

[October, 2019 - May, 2022]

I worked as a Project Manager at Finegarb, a small company specialised in marketing and publicity. I was responsible for project delivery and management, including planning, budget and pricing, and defining the setup. Additionally, I also had to monitor the progress and quality control. To accomplish my tasks, I had to understand and translate project and business needs into working requirements. My main goal was to manage and nurture client relationships.

Researcher - FEUP

[April, 2018 - September, 2019]

As a researcher, I worked with Weigh-in-Motion algorithms. I was responsible for refactoring and migrating a numerical tool from Matlab to Python. I also implemented new features and updated the script to answer the requirements of a trackside system developed during the PEDDIR project. Moreover, I designed a graphic interface from scratch using PyQt to simplify the introduction of data and improve the user's experience.