João Santos

Junior Developer

Personal Info

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in j-almeidasantos

🐙 jsantos42

🌐 jsantos42.github.io/portfolio/

📍 Lisbon, PT

[Natural] Languages

English	C2
French	B2
Spanish	B1
Portuguese	C2

[Programming] Languages

C	Excellent
C++	Good
Python	Good
R	Basic
Javascript	Good
React.js	Good
HTML5 & CSS3	Excellent

Other Tools/Framworks

Git	Excellent
Unix Shell	Excellent
Shell Scripting	Intermediate
GoogleTest	Basic
Agile (Scrum) & Jira	Good

With a background in Medicine and 6+ years of clinical practice, I grew tired of working with poorly-designed and non-intuitive software. The turning point came when I did a datascience project involving geospatial data analysis with Python and R. I liked it so much that I enrolled at 42 to become a programmer. Currently, I'm finishing a FullStack course on Udemy, and doing some front-end and datascience projects. Passionate and curious by nature, I look forward to join a team and build something great!

Work Experience

Jan 2022 - Jun 2022

Software Engineer Intern | *Critical Techworks*

- Working on the **frontend** of BMW's cars' infotainment, developing the Human Machine Interface (**HMI**) of the Navigation panel
- Maintaining the existing codebase (in **C++**)
- Adding new **features** and making **Unit Tests**
- Adding new UI with the **QT** framework

Mar 2014 - Jul 2021

Student and Medical Doctor | *ARSLVT & AP-HP (Paris)*

- Medical student and resident "externe" in **Paris** (Oct 2014 - Jul 2016)
- Clerkship in **Uppsala** (Jul 2015)
- GP resident in **Lisbon** + working shifts in the **ER department** of the largest hospital in the country (Mar 2018 - Jul 2021)

Some Projects

Portfolio
- Website showcasing my main projects (check the link on the sidebar)

React.js, JavaScript

Fast-Food and Schools in Portugal
- My Master's thesis in Clinical Nutrition, with **geospatial data analysis** (**GIS**)
- **Datascience** project to find out a potential geographical clustering
- Making use of **Jupiter notebook** and **geopandas**, **numpy**, **matplolib**

Python, R

Face Detector
- Website with login/register forms that uses the Clarify **API**

React.js, JavaScript

Moves of Pokémons
- Website with searchable list, using **AJAX** requests and a public **API**

React.js, JavaScript

Minishell
- A **Unix shell**, implemented with an **Abstract Syntax Tree**

C

Dining Philosophers
- Implementation of a concurrent algorithm, using **threads**

C, C++

Education

Oct 2020 - present

Software Engineering Course
42 Lisboa

Sep 2018 - Dec 2021

Master's Degree in Clinical Nutrition
Universidade de Lisboa

Sep 2010 - Jul 2016

Doctor of Medicine
Universidade de Lisboa & Pierre et Marie Curie Université

Hobbies

Cycling   Cooking   Reading   Learning   Traveling   Photography