# João Santos

## Frontend Developer

## Personal Info

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## [Natural] Languages

| | |
|---|---|
| English | C2 |
| French | B2 |
| Spanish | B1 |
| Portuguese | C2 |

## [Programming] Languages

| | |
|---|---|
| Javascript | Good |
| React.js | Good |
| HTML5 & CSS3 | Excellent |
| Node.js (Express) | Intermediate |
| Python | Good |
| R | Basic |
| C | Excellent |
| C++ | Intermediate |

## Other Tools

| | |
|---|---|
| Git | Excellent |
| Unix Shell | Excellent |
| Shell Scripting | Intermediate |
| 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 developer. Currently, I'm finishing a **FullStack course on Udemy**, learning **Typescript** and doing some **front-end 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

**Oct 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**

### Face Detector
- **Fullstack** project, with **API endpoints** and **login** access
- Use of **styled-components**, **Express.js** and a **PostgreSQL** database

**React.js, Node.js, Express.js, JavaScript**

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

**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**

### 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