

# João Santos

Junior Software Engineer

## Personal Info



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j-almeidasantos



jsantos42



jsantos42.github.io/portfolio/



Lisbon, PT

## [Natural] Languages

English	C2
French	B2
Spanish	B1
Portuguese	C2

## [Programming] Languages

C	Good
C++	Comfortable
Python	Comfortable
R	Basic
Javascript	Comfortable
React.js	Comfortable
(HTML/CSS)	Comfortable

## Other Tools/Framworks

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

With a background in Medicine, 6+ years of clinical practice, and having worked in two countries, I have always been fascinated by technology. Over the years, I grew tired of working with poorly-designed and non-intuitive software, and eventually took the decision to build better software for healthcare. My long-term goal is to help rebuilding our National Healthcare System software. For now, I'm willing to learn as much as I can, in any field that arouses my interest.

## Experience

Jan 2022 - present **Software Engineer Intern | Critical Techworks**

- Working on BMW's cars' infotainment, developing the **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

*\*Human Machine Interface*

Oct 2020 - present **Programming Student | 42 Lisboa**

- Working in **individual** and **team** projects
- Solving challenges in different programming languages, mainly in **C** and **C++**

Sep 2019 - Dec 2021 **Student Researcher | Universidade de Lisboa**

My Master's thesis in Clinical Nutrition involved:

- **Geospatial data analysis** using **Python** and **R**
- Making use of **Jupyter notebook** and **geopandas**

Jul 2018 - Jul 2021 **Resident Doctor | ARSLVT (Lisbon)**

Mar 2018 - Dec 2020 **Medical Doctor | Hospital Santa Maria (Lisbon)**

Oct 2014 - Jul 2016 **Resident Doctor ("Externe") | AP-HP (Paris)**

## Education

Oct 2020 - present **Software Engineering Course**  
*42 Lisboa*

Set 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