

Rui Monteiro

Software Developer



Personal Info

Phone

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E-mail

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Date of birth

19.09.1994

Address

Rua Cruz de Vilar, 454, Vizela,
Portugal

GitHub

github.com/ruifgmonteiro

LinkedIn

linkedin.com/in/ruimonteiro94



Skills

PL/SQL

SQL

Python

Pro*C

Bash Scripting

Flask

Databases

Jira

Git



Languages

Portuguese



English



German



Publications

R. Monteiro et al., "A Deep Learning Line to Assess Patient's Lung Cancer Stages," 2018.

R. Monteiro et al., "The Future of Records in Anesthesia: Development of an Anesthesia Data Warehouse", 2017.



Interests

Football

Travelling

Reading



Profile

- Passionate problem solver motivated by the pleasure of building software that is useful to other people. I consider myself as a fast and easily adaptable learner with excellent communication and time management skills. With a teamwork mindset, I focus on delivering efficient and robust solutions. In my spare time, I try to keep with the latest tech trends and figure out how to turn them into solutions to real-life problems.



Experience

09.2017 -
present

- **Software Developer**

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Worked in the supply chain, logistics and merchandising units of the company with the following responsibilities:

- Analyzing project requirements, developing and testing solutions for the ERP of the largest retailer in Portugal (more than 9000 stores).
- Implementing the business logic in the form of Oracle PL/SQL procedures and packages and batch processes that improved the efficiency in store and warehouse operations.
- Automating tasks with Python scripts which allowed me to increase my productivity.
- Monitoring deployment in production.
- Performing unit tests in SOAP and RESTful webservices.

During my stay at this company, I was also able to:

- Write clean code with performance as a main concern.
- Gain experience in an Agile environment (JIRA).



Education

2013 -
2018

- **University of Minho, MSc in Biomedical Engineering**

Strong component knowledge of computer engineering fields, programming languages and methodologies to improve medical processes.

Master Thesis: "A pill classification system for mobile applications using Deep Learning". **Tech stack:** Python, Flask, Keras, Tensorflow, Sqlite3, OpenCV.

Relevant Coursework: Operating Systems, Artificial Intelligence, Object Oriented Programming, Business Intelligence, Data Mining, Distributed Systems and Computer Networking.



Additional Activities

08.2016

- **66th CIRP General Assembly**

Collaborator

Responsible for organizing and coordinating activities in one of the most important international events (over 50 countries represented) in production engineering research field. It improved my communication, time management and collaborative skills.



Certificates

2016

- Cambridge English: Advanced (CAE) - | CEFR Level: C1