Tiago Monteiro

Porto, Portugal | +351 914148748 | tiagoandremv@gmail.com | linkedin.com/in/tiagoandremv

Education

BACHELOR IN MEDICAL COMPUTING AND INSTRUMENTATION ENGINEERING, INSTITUTO SUPERIOR DE ENGENHARIA DO PORTO

This course combines traditional engineering skills (mathematics, physics, informatics) with fields in the health sector. Considering the large practical component of the study plan, it enabled me to maintain and develop medical equipment or applications capable of following and supporting the constant technological developments in the area of health or IT.

Work Experience

ORACLE DEVELOPER, SISTEMA DE FATURAÇÃO DO CONTRATO PROGRAMA @ SERVIÇOS PARTILHADOS DO MINISTÉRIO DA SAÚDE, SPMS [APRIL 2018 – TODAY]

- Work on prevention, maintenance and evolution of the existing system, **Oracle 8i** e **10g**, **Forms e Reports 6i**, **PL/SQL**, **SVN**.
- Creation of processes that have replaced the manual validation of financial documents.
- Elaboration of new end-user interfaces as well as reports to monitor the information received.
- Training in **Oracle APEX**, **JavaScript** and **Java JDBC** to be actively involved in the system's evolutionary migration process to an **Oracle 18c** database.
- Development of **ETL** processes to ensure data synchronization between databases.
- Participation in the restructuring of the database that reduced average execution times by 80%.
- Root modification of the most demanding validation process, reducing execution time by 70%, accompanied by new visual display screens.
- Manage and helped two coworkers with their tasks on **Oracle APEX**.

CONSULTANT @ ALTRAN PORTUGAL [MARCH 2018 – TODAY]

- In two weeks, development of an automation system capable of receiving a flow of information, filter and process it for presentation in the form of a ticket.
- Integrated **Python** and **SQL** with **StackStorm**, an open-source automation platform, and the management tool **Jira**.

INTERN @ INOVA+ [JUNE 2017 – SEPTEMBER 2017]

- Elaboration of a plan for the acquisition of data produced by a sample of 20 participants using a Brain-Machine Interface.
- Development of a processing algorithm for the raw EEG signals collected to find patterns in the participants signals, for each of the 12 tasks performed.
- Used **Matlab**, **Python** and **Microsoft Excel**.

Skills and Capabilities

- Excellent interpersonal and communication skills
- Autonomous and self-taught
- Able to cope with pressure
- Understanding of the English language
- Teamwork
- Curious and eager to learn
- Ability to work with little supervision and remotely

References – On request