JOÃO DONATO SILVA

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in www.linkedin.com/in/joao-donato-silva/   ⎋ https://github.com/joaodonatosilva
⚭ https://joaodonatosilva.github.io/CV$_{online}$/

PROFESSIONAL EXPERIENCE

System Integration Solution Engineer

Nokia

📅 November 2017 – Ongoing   📍 Lisbon, Portugal

– Network IP planning for the following Core network elements: HSS, HLR, One-NDS, SDL, DNS, MSS and MGW.

– Create and update project documentation and customer deliverables such as HLD or LLD documents.

– Work in many projects dealing with the customer and internal employees of different technical areas from several different countries of the world.

– Involved in projects with Bare Metal or Cloud environments. Gave formation and guidelines for the SDM area to new team colleagues. Responsible for the testing of an automation tool procedure. Present in the Nokia NPO communications team.

EDUCATION

Integrated Master Degree in Electronics and Telecommunications Engineering

University of Aveiro

📅 September 2009 – July 2017   📍 Aveiro, Portugal

• Description – Master degree focused on Electronics, Telecommunications, Informatics, Signal Processing, Systems and Control.

• Master thesis – "Medical Signals Monitoring".
Create a medical device that measures Heart Rate, SpO2, Blood Pressure and Glycaemia through 2 fingers in a non-invasive form. For this project it was required the collection, processing and analysis of the medical data obtained.

Workshop "Medtech" organized by EESTEC

Technical University of Munich

📅 December 2016   📍 Munich, Germany

• Description – Workshop in Munich with the title "MedTech" about life-saving technologies done with people from different European countries. It consisted in visiting some of the most advanced medical research institutions in Munich.

Course - "Hack It, Test It, Try to Break It!" organized by BEST

Politehnica University of Timisoara

📅 July 2016   📍 Timisoara, Romania

• Description – Summer course organized by BEST about Computer Security done with people from different European countries in Timișoara (Romania).

Erasmus+ programme

AGH University of Science and Technology

📅 October 2014 – February 2015   📍 Krakow, Poland

• Description – Spent one semester studying in Kraków (Poland) in a different culture, with different teaching methods, with people from all over the world.

SUMMARY

Electronics and Telecommunications Engineer by training, Data Scientist by passion. Enthusiastic about using data to make better decisions, to be more efficient and to better understand the world.

PROFESSIONAL SKILLS

Programming ●●●●○
Mathematics ●●●○○
Data processing ●●●○○

SOFT SKILLS

Organization   Self-taught   Persistent
Open-Minded   Team Work   Research
Detail oriented   Creativity   Flexibility
Responsibility   Hard worker

HARD SKILLS

• Programming languages

Python   C   Matlab   R   Java
Assembly   LaTeX   SQL

• Data Science libraries

Numpy   Pandas   Matplotlib
Plotnine   Ggplot2   Plotly   Tidyverse

• Data Science tools

Ananconda   Spyder   PyCharm
Jupyter   RStudio   GitHub
PostgreSQL

• Software

Matlab   MS Excel   MS Word
MS Visio   MPLAB   LTSpice   Eagle
Wireshark

• Operating Systems

Windows   Linux

• Microcontrollers

Microchip PIC32

LANGUAGES

Portuguese
English

CERTIFICATES

Course "Data Visualization with Python"
IBM Cognitive Class in Coursera
🗓 January 2021 – No Expiration Date

Course "Python for Data Science and AI"
IBM Cognitive Class in Coursera
🗓 December 2020 – No Expiration Date

Certificate "Design Engineer level 3 - Shared Data Layer"
Nokia
🗓 December 2020 – No Expiration Date

Course "Data Science Methodology"
IBM Cognitive Class in Coursera
🗓 October 2020 – No Expiration Date

Course "Tools for Data Science"
IBM Cognitive Class in Coursera
🗓 October 2020 – No Expiration Date

Course "Data Science Orientation"
IBM Cognitive Class in Coursera
🗓 October 2020 – No Expiration Date

Certificate in English level B2
University of Aveiro
🗓 June 2014 – No Expiration Date

OTHER EXPERIENCES

Volunteer
Re-Food
🗓 September 2019 – Ongoing   📍 Lisbon, Portugal

Futsal
Course team in University
🗓 2011-2014 and 2015/2016   📍 Aveiro, Portugal

Football
University of Aveiro team
🗓 2013/2014, 2014/2015   📍 Aveiro, Portugal

Sertanense Futebol Clube
🗓 2001-2010   📍 Sertã, Portugal

OTHERS

- Driving License – B,B1 since 2009
- 'Erasmus Buddy' (Helped an Erasmus student to integrate in Aveiro) in 2015
- Went on an Interrail trip in 2013 (8 countries visited in 23 days)
- Self-taught in guitar since 2008
- Self-taught in piano since 2007