



LUÍS SÁ

ENGINEER | DATA ANALYST

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SUMMARY

Over 10 year experience in Telecom area as an Engineer and Consultant, performing various roles, from technical expert to team leading/manager.

MAIN SKILLS

- Team Leading/Management
- Mobile Networks
- Root Cause Analysis Investigation
- Technical Trainer
- Technical Writer/Content Developer

EXPERIENCE

DATA SCIENTIST/ANALYST STUDENT • PBS • 2018 - TODAY

Currently studying Business Intelligence & Analytics at Porto Business School.

As part of the syllabus, a Data Science and Business Intelligence project was carried out in partnership with a Portuguese Online Platform for Luxury Fashion.

In terms of Data Science (under CRISP-DM Process), the tasks covered Exploratory Data Analysis, Descriptive (Clustering) and Predictive Analysis (Regression).

As for the Business Intelligence solution (under BEAM method), this included KPI and Data Warehouse design, ETL, Dashboard and OLAP implementation.

Tools used:

- + R
- + RAPIDMINER
- + PENTAHO
- + TABLEAU
- + MySQL
- + POSTGRESQL / POSTGIS

RAN CONSULTANT • ALTRAN/ BOUYGUES TELECOM • JAN - MAY 2018

As part of the Telecom Architecture and Dimensioning team, the responsibilities focused mainly on performing weekly reports and analysis at 2G/3G technologies (BSC/RNC and traffic level).

TELECOM CONSULTANT • ALTRAN/NOKIA • 2010 - 2017

As a TEC GSM team member, my responsibilities comprise the investigation (network alarms & traces analysis - RCA analysis), management, monitoring and follow-up of hardware issues related to the Alcatel-Lucent GSM RAN hardware equipments (Level 3

Support).

In addition - since mid 2015 - I also started to support Legacy Alcatel-Lucent equipment MFS (Multi-BSS Fast packet Server).

The activities include all the above described for hardware, plus the on-call activities for critical issues (collaborating directly with local teams and R&D teams, level 2 and level 4 respectively).

TEAM COORDINATOR • ALTRAN/ALCATEL-LUCENT • 2014 - 2016

As a Team Coordinator, working at customer premises, I was the functional link between my team of consultants and my manager, as well as between the customer and Altran. The role comprised team management - ensuring all HR processes were respected, assessment to training needs and consultant motivation and performance, to achieve the desired quality of service delivered to the customer - and business activities, promoting team growth (active participation in recruitment and in customer requests).

IP TRAINER • PONTOTECH/NETPLAN SA • 2010

- IP and ATM Training performed in Luanda, Angola, to UNITEL Engineers.
- Technical Documentation Developer in mobile area, namely GPRS, UMTS and LTE.

TELECOM ENGINEER • NETPLAN SA • 2008 - 2010

As an engineer, I was responsible for:

- Team Leader and Project Manager mainly for the Portuguese northern region - project approval, monitoring SLAs, indoor reports delivery, billing; coordination with project teams and field installation teams (project scheduling and distribution, team organization) and field work in customer's premises;
- Radio Indoor Project (Radio Planning) Engineer – KPI measurements, solutions and reports to improve coverage/quality of GSM and UMTS signals in customer premises for TMN and Vodafone Portugal.

EDUCATION

BUSINESS INTELLIGENCE AND ANALYTICS POST GRADUATION

2018 - 2019 • PBS (PORTO BUSINESS SCHOOL)

Main Skills covered:

- Data Mining;
- Business Intelligence;
- Data Analytics and Exploratory Data Analysis;

- Big Data Intelligence and Analytics;
- Predictive Analytics;
- Text & Web Mining;
- Big Data Infrastructures.

MsC IN ELECTRICAL AND COMPUTERS ENGINEERING (MAJOR: TELECOMMUNICATIONS)

2008 • FEUP (FACULDADE ENGENHARIA UNIVERSIDADE PORTO)

Main Skills covered:

- Math, Algebra & Statistics;
- Physics & Electromagnetism;
- Electronic Fundamentals;
- Data Base and Information Systems;
- Economics and Management;
- Telecom & Mobile Communications;
- Master Thesis - Broadband Access in Unfavourable Regions.

HSK I (CHINESE 1ST LEVEL)

2014 • INSTITUTO CONFÚCIO

HSK I (Chinese 1st Level) taken at Instituto Confúcio - Universidade Lisboa (14 Jun 2014)

Total Score: 188 (200).

TECH WORKSHOPS

2010 – 2018 • ALTRAN

- Team Management Workshops
- Communication Skills;
- Leadership Essentials;
- Time Management;
- Financial Risk Management Workshop;
- Project Management Workshop;
- Cisco & Mobile Networks Training (2G, 3G, 4G, VoIP & IPv6)

IP FOR 3G WORKSHOP

2010 • NOKIA SIEMENS FINLAND

Trainee - IP Basics for 3G Transmission Planning, Nokia Siemens Networks – Helsinki, Finland.

Skills covered:

- IP Fundamentals;
- IP in the RAN.

GERMAN A1

2008 • LANCASTER COLLEGE

German CEFR A1 Level taken at Lancaster college (Jun 2008)

Total Score: 15 (20)

OTHER INTERESTS

A little bit about my daily mantras (hobbies)...

From individual to social, but always challenging, these include:

Gym/CrossFit, Kick Boxing, Lindy Hop dancing, an enormous passion for cooking (a lot), photography and handcraft.