

# Rodrigo Rocha

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## PROFESSIONAL SUMMARY

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Enthusiastic engineer eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Offering strong academic background in Telecommunications and Informatics Engineering. Motivated to learn, grow and excel in the IT industry and looking forward to contribute to a better future.

## PROFESSIONAL EXPERIENCE

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### **NOKIA S.A, Lisbon, PORTUGAL**

**February 2020 - Present**

*IP Network Support Engineer*

- Studying for the Nokia Routing Specialist certification exam. Learning about vendor components and reviewing concepts of the TCP/IP stack like Ethernet, OSPF, IS-IS, BGP and MPLS.

### **M-ITI, Funchal, PORTUGAL**

**March 2019 - September 2019**

*Master Thesis (Python Developer)*

A bio-monitor is any kind of living form that can be equipped with a sensing device, from which, one may actively monitor the biological parameters of that form and passively monitor the surrounding environment of that life form.

My thesis was developed on the Portuguese island of Madeira where I've had the opportunity of integrating the European project "LARGESCALE" under grant no. 32474 by Fundação para a Ciência e a Tecnologia (FCT).

My purpose in the project was to prototype a sensor to later equip on birds of the region, in order to passively monitor ocean and sites of difficult reach by humans using python as a programming language, LoRa as communication protocol and, PHP framework Laravel.

Mark: 17/20

## EDUCATION

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### **MSc in Telecommunications and Informatics Engineering**

Instituto Superior Técnico (IST), Lisbon, PORTUGAL

2019

The Master program in Telecommunications and Informatics Engineering (METI), combines both Electrotechnical/Telecommunications and Computer Science Engineering. In addition to a solid theoretical approach, the experimental component is of fundamental relevance, in line with the long and well-established tradition of IST emphasis on "learn by doing".

Average: 14/20

## **BSc in Telecommunications and Informatics Engineering**

Instituto Superior Técnico (IST), Lisbon, PORTUGAL

2016

The Bologna 1st cycle degree Licenciatura em Engenharia de Redes de Comunicações (LERC) aims at providing the scientific and technological fundamentals in the area of Information Technologies and Communications Networking.

The graduates of LERC are provided with a solid basis in these engineering areas, thanks to innovative teaching methods and to the interaction with the surrounding technological environment, leveraged by their insertion in the environment of Taguspark, the largest Portuguese Science and Technology park.

### **ADDITIONAL SKILLS**

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- IP Networks: VLANs, IP, TCP, EGP, IGP, OSPF, BGP4, MPLS-VPN, Firewalls, IDSs
- Programming Languages: Javascript, JAVA, C, Python, Ruby, React, Matlab, Assembly
- Databases: SQL, PL-SQL
- Frameworks: Laravel, React-Native
- Operating Systems: Windows, Linux

### **SPOKEN LANGUAGES**

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- Portuguese (Native)
- English (C1 - Excellent)
- Spanish (B2 - Good)
- French (A2 – Sufficient) – currently attending Alliance Française