



Miguel Carreiro

MSc Student at IST

- 12-04-97
- Sacavém
- Portugal
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Social Networks

- LinkedIn (@migcar)
- GitHub (@miguelcarreiro)

Languages

- Portuguese ● ● ● ● ●
- English ● ● ● ● ●
- Spanish ● ● ● ● ●
- French ● ● ● ● ●

Soft Skills

- Emotional intelligence
- Conflict resolution
- Critical thinking
- Cooperation

Working Experience

- 11/2021 – now **Tech Analyst** Deloitte
Working at the Deloitte EMEA Telecom Engineering Centre of Excellence (TEE).
- 07/2019 – 08/2019 **Summer internship** NOS
Developed work in NOS (a Portuguese telco), using this programming languages and tools:
 - Python;
 - AirFlow;
 - PostgreSQL;
 - ElasticSearch.

Education

- 2019 – now **MSc Finalist in Telecommunications and Informatics Engineering** Instituto Superior Técnico
This degree combines both Electrotechnical/Telecommunications and Computer Science Engineering, including:
 - Network, Information and Services Management;
 - Optical, Vehicular and Multimedia Networks;
 - Secure, Mobile Peer-To-Peer and Cloud Applications;
 - Internet Security.Currently I'm working in the master project (which precedes the master thesis), about the development of a new hard-state HPIM-SM protocol (Hard-state Protocol Independent Multicast - Sparse Mode).
- 2014 – 2020 **BSc in Telecommunications and Informatics Engineering** Instituto Superior Técnico
This degree aims at providing the scientific and technological fundamentals in the area of Information Technologies and Communications Networking, including the following areas:
 - Management and planning of Telecommunication networks;
 - Network security;
 - IoT networks;
 - Mobile and cloud computing.

Used tools

- Languages
 - Python;
 - JavaScript;
 - Java;
 - Matlab;
 - C;
 - HTML;
 - CSS;
- Software/Tools
 - GNS3;
 - Cisco IOS;
 - Node.js;
 - Linux;
 - Office;

Other activities

- 2019 – now **Volunteer/Developer** VOST Portugal
- 2009 – 2020 **Competitive Swimmer** GesLoures
Was a federated swimmer in Portuguese Swimming Federation, participating in several swimming and open water competitions
- 03/2018 – 05/2018 **Volunteer at "Banco de Bens Doados"** ENTRAJUDA