



# 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 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

2021-11-10

Miguel Carreiro