

Miguel Ferreira

MASTER'S OF SCIENCE DEGREE IN COMPUTER SCIENCE AND ENGINEERING



GET TO KNOW ME

I am pursuing a **Master's in Computer Science and Engineering** at the top engineering school in Portugal. Last summer I worked as an **intern in AI** at EDP and recently I worked on a **research project** at Iscte. **Passion, Resilience, Ethics** and **Leadership** are the terms that define my personal and academic path.

EDUCATION

Instituto Superior Técnico | 2021 - 2023

Master's of Science degree in
Computer Science and Engineering

- Major in Artificial Intelligence and Algorithms and Programming.
- 19 out of 20 in the Deep Learning course.
- Minor in Computational Mathematics Applied to Finance.

Iscte - University Institute of Lisbon | 2018 - 2021

Bachelor's of Science degree in
Computer Science Engineering

- Final Grade: **18** out of 20.
- Top score grade in Artificial Intelligence, Network Programming and in Distributed Information Systems.
- Minor in Knowledge Discovery and Extraction From Data and in Mathematical methods for computation.
- **Class President** for the entirety of the degree.
- 18-19, 19-20 and 20-21 **Top Engineering Students Award**.

SOFT SKILLS

- Strong leadership, communication and collaboration skills.
- Creative, logical, and critical thinking with the ability to moderate conflicts. Empathy.

CERTIFICATIONS

- Convolutional Neural Networks [DeepLearning.AI]
- AI Workflow: Feature Engineering and Bias Detection [IBM]
- Introduction to Tensorflow for AI ML and DL [DeepLearning.AI]
- Professional Presentations [Iscte]
- Communication Techniques [Iscte]

WORK EXPERIENCE

Summer Internship

July - September 2021 (3 months)

- Summer Internship @EDP building a **Trustworthy AI framework** to regulate and guide the making of internal AI projects.

Iscte Research Project

September 2021 - March 2022

- Research on parametric designs to build architecture plants automatically.

HARD SKILLS

- SwiftUI, Swift, MySQL, MongoDB, Django, Java, C, Scala, Python, Prolog, MATLAB, scikit-learn, TensorFlow, NLTK, Figma.
- **Notorious capacity to combine Design with programming.**

PROJECTS

- eBay-Like Platform: Django, JavaScript.
- Company model and stock index generator with Markov chains.
- OneNote-Like desktop application with digital whiteboard and notebooks organizer.
- Distributed platform with MongoDB, PHP and MySQL for crops management with iOS SwiftUI companion app.
- Research of Indirect Reciprocity on Complex Networks.

KNOW ME BETTER:

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