

# André Ferreira

**Electrical and Computer engineering student** 





Lisbon, Portugal



09/09/1996



andrecnf@gmail.com



+351 918 854 876



### Bio

I am a master's student of Electrical and Computer Engineering at Instituto Superior Técnico, as well as curator at TEDxULisboa and participant in the PyTorch Challenge by Facebook. Besides my interests in fields such as data science, machine learning and robotics, I'm always looking for new challenges and opportunities to learn more, being it selflearning or gaining experience in an international environment. Outside of the professional world, I'm a runner, a traveler, a football fan and an avid music listener.



### 1 Education



### Integrated Msc in Electrical Engineering

2014 - Present

Lisbon, Portugal

Instituto Superior Técnico

17/20 GPA



#### Sustain-T Erasmus Mundus

2017 - 2018

Bogotá, Colombia

Universidad Nacional de Colombia

4.42/5 GPA



# **Organizations**



### Curator at TEDxISTAlameda / TEDxULisboa

2016 - Present

Lisbon, Portugal

- Selecting and contacting with speakers.
- Curating the talks.
- Coordinating the curators team of 5 people since the 2017 edition.

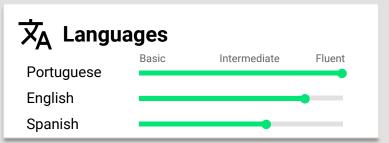


### **Business Relations at JEEC Career Event**

2016 - 2017

Lisbon, Portugal

- · Contacted and met major companies to participate in the event.
- Obtained funding from 5 of them, including Microsoft and TAP.







### **Experience**



#### Summer Internship at Jungle AI

♥ Lisbon, Portugal

- · Built a data processing pipeline, used by project members in Jungle AI.
- Processed and analyzed more than 100GB of data from a major international client.
- Detected and predicted wind turbine faults, estimated losses and contributed to slide decks.



### Research Internship at ISR - Institute for Systems and Robotics

Lisbon, Portugal

- Involved predicting the future video frames that a robot will observe while it performs a given action.
- Reviewed and implemented deep learning models.



### Summer Internship at IPFN - Instituto de Plasma e Fusão Nuclear

Lisbon, Portugal

- Studied the use of drones for inspection operations on nuclear fusion reactors, especially for the ITER project in France.
- Involved research, programming in Matlab and in Java with Android Studio.



## Achievements

### Best E. Project Award by Santander

Lisbon, Portugal

Won the best entrepreneurship project award, with a smart running shoes concept, showing prototype hardware and app.

#### Presented a paper at ICCS 2018

Cambridge, US

Gave a talk on urban security in Bogotá. The paper was published by Springer, as part of the International Conference on Complex Systems. Attendees included researchers from Berkeley, Carnegie Mellon, Harvard and MIT.