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# RODRIGO DO Ó

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Rodrigo Lopes do Ó Barbosa • 11/01/1992, Almada, Portugal • [rodrigo.do.o.barbosa@gmail.com](mailto:rodrigo.do.o.barbosa@gmail.com)

[in linkedin.com/in/rodrigo-do-o](https://www.linkedin.com/in/rodrigo-do-o)



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## Summary

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Looking forward to matching my love for video games, writing, and entertainment with my academic abilities.

Resourceful, committed and resilient. Always looking for a challenge and to learn something new. Enjoy team working, managing and dealing with different personalities. Capable of programming in several different languages and able to do software development.

### Currently:

Just finished my master thesis: Ensemble of Machine Learning Algorithms for Economic Recession Detection.

### Previously:

Involved in several student's activities since 2013.

- 2015 - President of our Students' Union at Instituto Superior Técnico.
  - Represent 12000 students, and defend their interests.
- 2017 to be the Students' Representative at the General Council of the University of Lisbon.
  - Define the university's strategies.

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## Skills & Qualifications

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Python

[8/10]

Used for data analysis and machine learning techniques in my thesis.

Worked with pandas, numpy and forecasting tools for time series.

C

[9/10]

Several projects realized, from Client-Server applications, to basic applications like parking managers and route choices according to sensors.

Java

[7/10]

Used to create a video poker game with GUI for school project.

Basic usage of polymorphism.

Microsoft Word

[9/10]

Several documents produced.

Technical: Academic thesis, meeting minutes, political motions, and contracts.

Leisure: Poetry and prose.

Microsoft Excel

[5/10]

Basic usage: plotting and equation creation and management.

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## Education

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2010 - 2018

Masters at Electrotechnical and Computer Engineering

*Instituto Superior Técnico, University of Lisbon*

Thesis: Ensemble of Machine Learning Algorithms for Economic Recession Detection.

Use data analysis and forecasting to detect early signs of an economic recession, so that people, business, and governments can act accordingly.

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## Experience

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April 2017 - present

Counselor at General Council

*University of Lisbon*

Protect students' interests in the global strategy of the University, solve serious and important matters of the University life and guide it to the future with innovation.

Elect the Dean of the University.

January 2017 - April 2017

Counselor at the School Council

*Instituto Superior Técnico*

Safeguard the students position in the school life, as well as contribute to its sustainable growth and excellence.

Elect the School President.

December 2015 - December 2016

President of the Fiscal Council

*Federação Académica de Lisboa (Academic Federation of Lisbon)*

Analyse and report the finances of the Federation, guaranteeing its sustainability and safe use of its assets.

June 2015 - November 2016

President

*Associação dos Estudantes do Instituto Superior Técnico (Students Union IST)*

In charge of managing the Students Union assets (Infrastructures, 12 employees, a volunteer team of 100 people, and a million euro budget).

This term in office was marked by the rewriting of the association's statutes that were unchanged in 25 years. The process required a referendum, and its turnout was one of the biggest in recent years.

A economic recovery of the association was carried out since it was at risk of bankruptcy.

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## Hobbies

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### List of Hobbies:

- Playing video games (RPG & Strategy)
  - Knight of the Old Republic (I & II)
  - Mass Effect Trilogy
  - Dragon Age Trilogy
  - Civilization Franchise
  - Age of Empire/Age of Mythology
- Bass playing
  - Played in some clubs.
  - Jazz/Rock/Reggae/Blues
- Writing (Poetry and Prose)
  - Wrote one poetry book (unpublished)
  - Several in work projects
- Traveling
  - Traveled across Europe
  - Skiing trips
  - 2 months through South East Asia
    - Vietnam/Cambodia/Thailand/Malaysia/Borneo/Indonesia