# David José da Rocha Marques

*Curriculum Vitae*

Recent graduate looking for jobs in Data Science/Machine learning field. Highly motivated and very self-taught.



## Info

**Nacionality**: Portuguese
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## Languages

- **Portuguese**
- **English**
- **German**

## Programming

- **Python**
- **LATEX2**
- **Matlab**
- **Elisp**
- **Bash**
- **C**

## Tools

- **Git**

## Operative Systems

- **GNU/Linux**
- **Windows**

## Commercial Software

- **Mcsft. Excel**
- **Mcsft. Word**
- **Mcsft. PwPt**

## General Skills

- **TeamWorking**
- **Communication**

# Education

**Mechanical Engineering Masters** . . . . . . 2011-2018
Energy Department.
Instituto Superior Técnico, Lisboa, Portugal.

# Extracurricular Activities

**JUNITEC** . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2016-2017
University's Junior Company. Member of the technical department, member of a team working directly in a project.

**University Grant** . . . . . . . . . . . . . . . . . . . . . . . . 2017-2018
Monitor of laboratory equipped with computers with technical software, used by students. Functions included guaranteeing good study conditions and proving support to other students regarding the usage of software related with programming, *CAD*, and *FEM*. Networking, software and hardware maintenance.

# Notable Projects

**Master's Dissertation**
Intelligent thermal comfort controler capable of adapting to a office user's preference and autonomously managing the ventilation system.
Reinforcement Learning.

**Techstorm**
Hackathon with 24 hours to develop an enelctronic product and a 3 min pitch by the end. The team was awarded the second place.

**Biogamming**
*EMG* based arduino application with the objective of controling a video game with muscle movement.