David José da Rocha Marques

Recent graduate interested in *Data Science*/*Machine Learning* jobs. Eager to learn and improve and very self-taught.

Info

Nacionality: Portuguese
📞: +351 962 154 064
✉: davidmarques856@gmail.com

Languages

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

Programming

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

Tools

- **Git**

Operative Systems

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

Commercial Software

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

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, part of a team working directly in a project.
Skills: Teamworking, Communication, Python, Arduino

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, account creation/administration, software and hardware maintenance of 60 divided in two rooms.
Skills: Teamworking, Communication, Management, Windows

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.
Skills: Python, *SQL*, Linux, Rasperry Pi, LATEX2

Techstorm
24 hours to develop an electronic product and present it in a 3 min pitch. The team was awarded the second place.
Skills: Teamworking, Communication, Python, Arduino

Biogamming
EMG and arduino based product with the objective of controlling video games with muscle movement.
Skills: Teamworking, Communication, Python, Arduino