

Luís Costa

Full Stack Developer,
Aspiring Data Scientist

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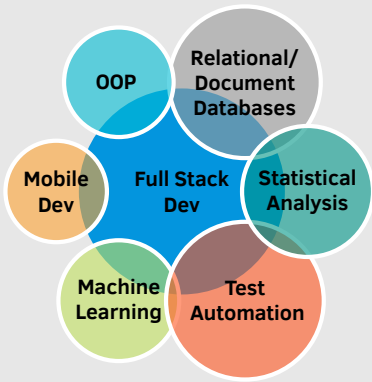


github.com/luistelmocosta



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Skills



Interests

Relational Databases



Cloud Computing



Cryptography



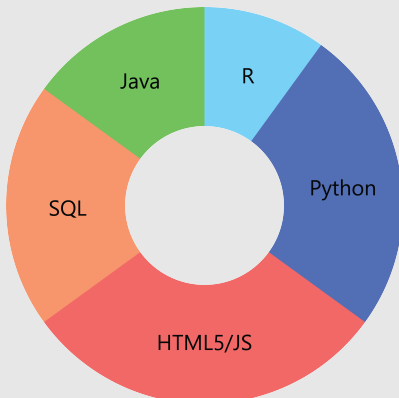
Software Development



Data Mining & Machine Learning



Languages



Education

2009 - 2018

(Expected)

MSc., Informatic and Computing Engineering

Porto, Portugal

GPA Expected: 14/20, 70%

Specialization: Data Mining and Machine Learning

University of Oporto

Projects

2017 - 2018 **Knowledge Extraction and Machine Learning - Bank Loan Success Prediction** R, Rapidminer, Weka

- Worked on integrating large, noisy datasets containing upto million records for predictive modeling and regression analyses. Performed classification using Support Vector Machines, Decision Trees, Neural Nets; multivariate regression analyses using Logistic Regression; classification; ensemble learning using *Bagging* and *Random Forest* algorithms and distance-based algorithms such as k-NN (Nearest Neighbor).
- GPA : 18/20, 90%

2016 - 2017 **iwashere**

PostgreSQL, NodeJS, React

- iwashere is a social network that encourages the U.Porto community (mostly, its students, teachers, researchers, but also other people as well) to actively share their knowledge and experiences about certain places of interest, about something they did or visited, by posting photos, videos, audios or text.
- iwashere is a project from University of Oporto and was presented at *Engineering Day* event, hosted by The Order of Engineers - Portugal.
- GPA : 18/20, 90%

2016 - 2017 **Polex.Org - A Wikipedia for politicians**

PostgreSQL, Python, Javascript

- Full Stack Development + Agile Methodology
- GPA : 17/20, 85%

2016 - 2017 **AskMe - Collaborative QA Platform**

PostgreSQL, PHP, Javascript

- Full Stack Development + Documentation
- GPA : 18/20, 90%

2016 - 2017 **Online News Popularity Prediction**

JAVA, Weka

- Developed a predictive model for a dataset of instantiated on-line news using C4.5
- GPA : 15/20, 75%

2016 - 2017 **A Multi-agent Approach to Energy-Aware Wireless Sensor Networks Organization** JAVA, JADE, RePast

- Developed a cooperative model based on distributed agents to improve the efficiency of a non-cooperative wireless sensor network
- GPA : 17/20, 85%

Experience

Due to financial issues, in the end of 2009 I had to pause my studies. To acquire some experience and at the same time earn money to resume my graduation I worked in two different places.

Sep 2011 -

May 2013 **Driving School Secretary**

Escola de Condução ASA, Paredes

- Flexibility. I had more than one role and I was able to perform different tasks.
- Responsibility. There were a lot of deadlines (license card emissions, renovations, etc) that had to be successful. This way of work gave me the notion of respecting schedules and be methodical.
- Organization. All my tasks needed to be executed in an efficient manner. The process of each customer needed to be updated and verified constantly.

Sep 2009 -

May 2011 **Supermarket Employee**

SONAE

- Flexibility. I had more than one role and I was able to perform different tasks.
- Sociability. I had to interact with customers and get their empathy which gave me experience on how to communicate and solve problems
- Cooperation. I worked as a team so communication and coordination were important on my daily tasks