João LAGE

Data Scientist

CONTACT

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EDUCATION

MSc Industrial Electronics and Computer Engineering
University of Minho, Portugal
2009-2014

Erasmus Programme
Julius-Maximilians-Universität, Würzburg Germany
2013-2014

EXPERTISE

Python

Machine learning

Apache Spark

SQL and NoSQL

C++, C#

Docker

GIT

Linux, Bash

PROFILE

From a very young age I always revealed an increasing curiosity towards computers, electronics and science. I hold a MSc in Electronics and Computer Engineering and I classify myself as a data enthusiast passionate for products powered by data, technology and science itself; self-taught in many aspects and highly motivated to pursue new challenges in the data science field.

PROFESSIONAL EXPERIENCE

Lyst | Data Scientist
London, March 2018 - Present
- Data Scientist working on search, ranking and personalisation team
- Responsible for boosting business main metrics within a Test & Learn environment
- Improved CTR and CR on search and listing pages using NLP, Probabilistic models and Deep Learning architectures

Farfetch | Data Scientist
Porto, January 2016 - February 2018
- Data Scientist working on e-commerce recommendations team
- Responsible for boosting user personalization under every touchpoint applying the most recent technology and leveraging data-driven solutions
- Creator and main maintainer of the visual similarity engine
- Improved CTR and CR with recommendations empowered by computer vision and deep learning
- Built distributed data pipelines using the big data technologies
- Working closely with development team in order to deliver top tier and scalable machine learning models

Farfetch | Software Developer
Porto, July 2015 - January 2016
- Development of a scalable and fault-tolerant recommender system
- Development of BI solutions to acquire user data such as Clickstream
- Interaction with multidisciplinary teams to develop multiple data extraction processes
- Working closely with several Product Owners to build customer-centric deliverables

Centre Algoritmi | Researcher
Porto, November 2014 - June 2015
After my MSc (Electronics and Computer Engineering) I decided to pursue for a research and development scholarship related to wearables, biometric signals, firmware and hardware design

TALKS

Big Data Meetup | Large scale recommendations @ Farfetch
Lisbon, July 2017
Porto Big Data Meetup #2 | Data science meets big data @ Farfetch
Porto, December 2017

PUBLICATIONS

Smart Shirt with Embedded Vital Sign and Moisture Sensing | SPWID 2015 Journal Invited Award
ISBN: 978-1-61208-446-6
Brussels, June 2015

TOOLING SKILLS

- Pythonic data stack (numpy, scipy, pandas)
- Computer vision (opencv, scikit-image, Pillow)
- ML and Graph libs proficiency (scikit-learn, NetworkX)
- Deep learning expertise on CNNs, DNNs (Keras, TensorFlow)

OTHER CERTIFICATES

- Coursera - deeplearning.ai (Deep Learning Specialization) - Neural Networks and Deep Learning
- Pluralsight - Apache Spark Fundamentals