Looking for a permanent contract in data science (October 2019)

Issame SARROUKH

23 ans

sarroukh.issame@gmail.com

+33 637139485

LinkedIn Profil

Education

Centrale de Lyon, Master's degree in engineering
Mathematics & Decision
|2016-2019

Lyon 1 University, Double degree.
Master M2 Data Science |2018-2019

Preparatory classes
mathematics and physics
|2013-2016

Baccalaureate
Option : Mathematical Sciences
|2012-2013

Skills

Language skills : Frensh - Fluent , arabic – Native. English – full professional proficiency

Programming skills : Python, Java, R, Matlab, hadoop, git, mySQL, HTML, CSS, JS, Django, Android Studio, XML, JSon, Pack Office (Word, Excel, PowerPoint, Access)

Certificates

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Hobbies

Judo, reading, traveling, Video games.

Courses followed

Centrale Lyon

Data Mining and Big Data, Big Data IT Challenges, Deep Learning, Algorithms for Business Decision Making, Python Language, Computer Networks, Structured Data Representation and Manipulation. Statistics applied to engineering sciences, applied and numerical analysis, probability and statistics, finite elements, optimization.

Lyon 1 University

Machine Learning, probabilistic graphical models, Big Data Analytics, Cloud Computing. Inferential Statistics, Regression Models, Data Mining, Mathematical Basics for Data Science.

Internships

April-Sept'19 R&D engineer, Data science — Amadeus, Sophia Antipolis, France
Participating in the design and the implementation of a tool to assist the Quality Assurance engineer using a Machine Learning approach to statistically assess the bug potential of different components of an application, participate in the writing of a technical paper, if the applied method is novel enough and good results are obtained.

June-Sept'18 Research & Development engineer — Egis International, Lyon, France
The main objective of the internship is to create an application that gets the path followed during the displacement of the user and get some information along with it such as the main transportation method and the aim of the displacement of the user. The collected information is stored in a database. I had to develop another application written in Python to get the stored data and apply statistics and Machine Learning to get a view of user behavior.

July-Augu'17 Operator — LABOTEST
Making experiments on materials to confirm there compatibility with the standards set by the construction company.

Projects

Janu-Mar'19 Final Year Project — MI Department of Centrale de Lyon
Development of a reinforcement learning script to play Ms. PACMAN (an AtARI Game).

2017-2018 Reseach Project — Département MI de l'Ecole Centrale de Lyon
My role was to simulate an investor's portfolio based on Markowitz's theory. This simulation is integrated into a website and uses IEX data to predict the ratios to invest in each company. The site (for use only in a local server) written in Python uses Pandas library to process the data in real time.

2016-2017 Research project — Département MI de l'Ecole Centrale de Lyon
I created, with a team of 6 people, an application that helps the inhabitants of the city of Lyon to find a vacant place in a parking lot. The name of the app is Parktout. The app is available on Google Play Store. I was responsible for creating a mathematical model to obtain the probability of finding a parking space based on the database extracted from the Data Grand Lyon website.

Extracurricular activities

A member of the organizing team of Séminaire Consultant 2018 and the creator of the website for the event, (The website takes about 10s to load because it was moved to a free server).
The communication manager of Maroc Ecole Centrale de Lyon club.