

Looking for a permanent contract
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[LinkedIn Profil](#)

Education

Centrale de Lyon, Master's degree in engineering

Branch : Mathematics & Decision

Profession : Consultant

|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, sklearn, Tensorflow, Building Python libraries, Java, R, Matlab, Linux, [git](#), Json, mySQL, HTML, CSS, JS, Django, Flask, Android Studio, XML, Pack Office (Word, Excel, PowerPoint, Access).

Certificates

Deep learning courses (Deep learning.ai Coursera), Machine learning (Udemy), Java, Python and C++ (Sololearn), Python, Problem solving (Golden badges Hackerrank), C++ (Silver badge) [Follow this link](#)

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 programming language, Computer Networks, Structured Data Representation and Manipulation. Statistics applied to engineering sciences, applied and numerical analysis, probability and statistics, finite elements, optimization, introduction to financial mathematics, stochastic processes, Consulting.



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 Data scientist

Amadeus, Sophia Antipolis, France

Participating, with the Artificial Intelligence team in the writing of a technical paper, and 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.

Keywords : NLP, NLP applied to code, Machine and Deep learning, Git, Linux, Flask, automation, research.

June-Sept'18 R&D engineer

Egis International, Lyon, France

Creation of a mobile application to monitor user displacement. Development of another application written in Python to extract the stored data in real time, and apply statistics and Machine Learning to get a view of user's points of interest.

Keywords : Unsupervised learning, clustering, Firebase, Java, Android Studio, Wxpython.

July-August'17 Operator

LABOTEST

Making experiments on materials to confirm their 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 agent](#) to play Ms. PACMAN (an Atari Game) based on three models : simple Deep Q-Network, Noisy Double Dueling DQN and N-step Double Dueling DQN.

2017-2018 Research Project

Département MI de l'Ecole Centrale de Lyon

Simulating an investor's portfolio based on Markowitz's theory, and its integration into a website that 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

Designing, with a team of 6 people, the [application Parktout](#), available on Google Play Store, that helps the inhabitants of the city of Lyon to find a vacant place in a parking lot. 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, (response delay due to free server).

The communication manager of Maroc Ecole Centrale de Lyon club.