

Malek Badreddine

Tunisia - Email me on Indeed: [indeed.com/r/Malek-Badreddine/70943212328e3728](https://www.indeed.com/r/Malek-Badreddine/70943212328e3728)

I discovered the world of machine learning during a competition, and since then I'm spending My free time to learn and read Papers, I am very interested in deep learning and computer vision.

WORK EXPERIENCE

Data Scientist

Eura nova - Tunisia - September 2016 to Present

- Data analysis of online betting games, extraction and construction of features, development of an ensemble model to detect the most experienced players.

(Python,SKlearn,SQL)

- Working on retail data. Our objective was to determine the products that can be bought together(R,Rshiny,Prefixspan,apriori).

- Use historical shop's data in Brussels to explore Commercial trends,model the data in the form of graph of knowledge allowed us to determine the customer shops relations and the concentration or the lack a certain trade. (Python,Neo4j,D3js)

- Design and development of a data governance platform where the need to dockerizing different components like zookeeper,Kafka, hadoop, hbase. . . For the installation of the first pieces which are the data lake and the API of communication with the platform.

- Design and implementation of a data storage and processing cluster above Amazon AWS, and docker swarm(Ansible,AWS,Docker swarm,spark,hadoop,cassandra).

Data scientist trainee

INNOVA-WebRadar - Tunisia - January 2016 to June 2016

Communities analysis using a knowledge graph:

Development of a knowledge graph for the study and evolution of communities using data from social networks, guaranteeing a close to-real-time analysis for marketing purposes.

Technologies: Docker,JAVA,Spring Boot,Spring

Cloud,Hadoop,Apache Spark, GraphX,RabbitMQ,Neo4J,AngularJS

Algorithms & ML : Page Rank, collaborative filtering, edge betweenness,betweenness centrality, closeness centrality, strongly connected components, connected components, triangle count, louvain community detection

Data scientist trainee

Cybex - Tunisia - June 2015 to July 2015

Clients clustering of clients according to the videos and advertisements viewed

Technologies: Python, Apache Spark, Apache Hadoop, MongoDB

Algorithms: K-means

EDUCATION

Master in computer science

Ecole Supérieure Privée d'Ingénierie et de Technologies - ESPRIT
2013 to 2016

Bachelor in Computer Science and Software

École supérieure de technologie et d'informatique - Tunisia
2010 to 2013

SKILLS

Deep learning (Less than 1 year), Machine learning (1 year), Linux (2 years), Java (2 years), Python (1 year), Data Analysis (2 years), data visualization (2 years), TensorFlow (Less than 1 year), SQL (2 years), Docker (1 year), aws (Less than 1 year), git (2 years), Scrum (2 years), Apache Spark (1 year), Apache Hadoop (1 year), graph theory (1 year), NoSQL (1 year)

LINKS

<https://www.kaggle.com/malekbadreddine>

<https://www.linkedin.com/in/malekbadreddine/>

CERTIFICATIONS/LICENSES

Machine learning

December 2016 to Present
coursera

Scalable Machine Learning

July 2015 to Present
EDX

Introduction to Big Data with Apache Spark

June 2015 to Present

EDX

Big Data Hadoop Fundamentals

October 2015

IBM