Mohamed Ali BEN ALAYA
DATA SCIENCE ENGINEER

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🌐 SKILLS

Programming languages
 C, C++, C#, Java, Python, R,PHP
,SQL,HTML,CSS,jQuery,Golang.

Frameworks
Spring,J2EE,Symfony,JAVAFX

Data management
SSIS,SSAS,SSRS,PowerBI,Tableau

Big Data
Hive,Spark,Hadoop,Elasticsearch,
Kibana,Kafka.

Databases
Oracle Database, Microsoft SQL
Server, MySQL,PostgreSQL,
MongoDB, Cassandra,Neo4j

Data Science
NLP, Time Series, Deep
Learning(TensorFlow,Keras,
Pytorch),Pandas,Matplotlib,
Seaborn,OpenCV,Scikit-
Learn,Flask,Dash

A Languages

Arabic Mother tongue

French Bilingual

English Advanced

🏆 Participations

Earth Hacks Hackathon

Hack The Virus Hackthon

AIHackTunisia Hackathon

👥 Interests

Swimming

Cycling

EDUCATION

From September 2016 to June 2021	**Computer Science Engineering Specialized in Data Science** ESPRIT School of engineering Ariana, Tunisie
From September 2011 to July 2016	**Baccalaureate diploma specializing in mathematics** Ibn Abi Dhief High School Manouba, Tunisie

PROFESSIONAL EXPERIENCE

From July 2020 to September 2020	**Data Scientist : Auto-PLUS automobile price prediction** SQOIN Ariana, Tunisia ▪ Tools: BeautifulSoup,Pandas,Matplotlib,Scikit-Learn
From June 2019 to August 2019	**Project Manager : Medical Platform HOSPI-HOTEL** SQOIN Ariana, Tunisia ▪ Tools : Spring Boot,Maven,PostgreSQL
From July 2018 to September 2018	**Blockchain Developer : African cryptocurrency BASTOJi** ONESQUARE Ariana, Tunisia ▪ Tools : Bitcoin Network , Blockcahins,Cryptography
From July 2017 to August 2017	**BI Developer : Business Intelligence Project for REDTAG** NOKIA SOLUTIONS AND NETWORKS El Manar,Tunisia ▪ Tools : Microsoft BI, SSIS,SSAS,SSRS.

ACADEMIC PROJECTS

June 2020	**Natural Language Processing Project** Community Management	McDonald's ▪ Technologies : Web Scraping,Topic Modeling,Sentiment and opinion Mining, Emoji Analysis,Spam Detection,Deep Learning ▪ Outils : Python,BeautifulSoup,Tweepy,LDA,LSTM.
May 2020	**Computer vision Project** The Mask Challenge	Zindi ▪ Technologies : Image Processing , Image Classification,Deep Learning ▪ Tools : Python,OpenCv,Pytorch
January 2020	**Data Science Project** Reverse Vending Machine RVM	ESPRIT ▪ Technologies : Object Detection, Facial Recognition, Age predicton, Deep Learning,Transfert Learning ▪ Tools : Raspberry Pi,Tensorflow,OpenCV,React,Socket.IO
November 2019	**Machine Learning Project** Credit Scoring for USA,German and Taiwan Clients	Funding Network ▪ Technologies : Feature Engineering,Feature Selection,Machine Learning ▪ Tools : Python,Pandas,Matplotlib,Seaborn,Scikit-Learn,Flask,Dash
September 2019	**Business intelligence Project** Private Banking: customer profiling and prediction	Oddo BHF ▪ Tools : Microsoft BI,SSIS,SSAS,SSRS,PowerBI
January 2018	**Cross platform Project** Web,Mobile and Desktop Project for Nursery	ESPRIT ▪ Tools : Symfony,Javafx,Codename One

CERTIFICATIONS

Coursera	**Advanced data science Capstone**
Nvidia	**Fundamentals of deep learning for computer vision**
Coursera	**Text mining and analytics**