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BOUGADRE Achraf
Data Scientist / Developer

GitHub: okimdone
LinkedIn: abougadre

I started as a Computer Scientist, moved to Data structures and algorithms for Competitive Programming, and now focusing on mastering ML modeling and Data science both for developing solutions and research. I am always looking to improve over the version I was yesterday.

SKILLS

Languages	Python, Java, C, PHP, JavaScript, SQL, PL/SQL, R, Bash, Matlab
Big Data Stack	Spark, Hadoop, Kafka, Hive, Pig, Sqoop, Zookeeper
Communication	English (fluent), French (Bilingual), Arabic (native)
Modeling Languages	UML, Merise2, BPMN
Libraries and Services	TensorFlow, seaborn, pandas, matplotlib, MLflow, AWS/Azure services
Tools and Technologies	Poetry, Git, GitHub, Docker, Vim, LaTeX, MarkDown, Django, Laravel

TECHNICAL EXPERIENCE

Date Science Intern / Creation of a fraud detection platform   MAR 2021 — SEP 2021
SI2M   Morocco, Rabat

- created the dev environment as a docker cluster composed of big data technologies
- created a proactive fraud detection platform that made use of a Deep Learning model written in python
- the model trained in a distributed fashion using big data technologies like *Apache Kafka* & *Apache Spark*
- served the model using the *tensorflow/serving* docker image

Date Science Intern / Creation and deployment of numerous Models   SEP 2019 — OCT 2020
The Good Data Factory   Morocco, Rabat

- took part in the creation and deployment of ML models with the guidance of the seniors of the company

BI Engineer / Design and implementation of a Data Warehouse   MAR 2019 — JUL 2019
OCP - S.A.   Morocco, Khouribga

- designed and implemented a data warehouse (OLAP)
- interfaced the DW with a web server hosting a UI to the management control department professionals

Technician   JAN 2018 — DEC 2018
Pluriel Informatique et Communication   Morocco, Marrakech

- activated software using licenses that the company sells to the hotel sector
- helped design networks, connected and fixed hardware like printers and screen ordering machines
- installed and configured Linux/Windows 10/ Windows server 2016 on server and host computers

EDUCATION

Ph.D. Candidate in Computer Science & A.I., *Cadi Ayyad University*   **Currently enrolled**

Master of Information Systems and Intelligent Systems, *INSEA*   **AUG 2021**

- Course work includes Artificial Intelligence, Big Data, Machine Learning, Image Processing, Advanced Databases, Cloud Computing, IoT, Constraint Programming, Mathematical models such as Game Theory, Stochastic processes, Dynamic Programming and other Optimization Algorithms.

Bachelor of Mathematical and Computer Sciences, *Cadi Ayyad University*   **JUL 2019**

- Course work includes Computer Architecture, Operating Systems, Databases, Networking, Web Programming, Information System modeling, Object-Oriented Programming, Data Structures, Operational Research.

CERTIFICATIONS & AWARDS

Neural Networks and Deep Learning   JAN 2022
Data Engineering with Databricks   MAR 2021
Scalable Machine Learning with Apache Spark   MAR 2021
Big Data Engineer - Mastery Award   FEB 2021
Big Data Engineer - Explorer Award   FEB 2021
The 2020 Moroccan Collegiate Programming Contest   SEP 2020