IBRAHIM BOUABDALLAOUI

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ACADEMIC CURRICULUM

Mohammadia School of Engineers, Rabat (Morocco) *Nov 2020 - Present*
PhD student in Artificial Intelligence
Laboratory of Systems Analysis, Information Processing and Industrial Management - High School of Technology Salé
Laboratory website: www.lastimi.ma

Sidi Mohamed Ben Abdellah University, Fez (Morocco) *Sep 2018 - Jun 2020*
Master Big Data Analytics and Smart Systems
Department of Computer Science - Faculty of sciences Dhar Al Mahraz Fez
Master website: sites.google.com/a/usmba.ac.ma/master_bdsas/

Hassan II University, Casablanca (Morocco) *Sep 2014 - Jun 2018*
Bachelor in Mathematics and Computer Science
Department of mathematics and Computer Science - Faculty of sciences Ben M'sik

PROFESSIONAL EXPERIENCES

High School of Technology (ESTS), Salé *Jan 2021 - Present*
Tutor

· I provide courses and practical work for the students of the High School of Technology - Salé

- Fall 2020: Courses and practical work, Data analysis under R, Pro. Bachelor in Information systems and Big Data

Data Scientist/Big Data Engineer *Sep 2020 - Present*
Freelancer

· I am accumulating experience in the field of data engineering and data science through Big Data projects with freelance contracts in Morocco.

Lab. Applied Physics, Computer Science et Statistics, Fez *Mar 2020 - Jul 2020*
Research Intern

· My final Master's thesis aimed to study the following thematic: "Fraud detection: Big data infrastructure and a case study in insurance sector", the main idea is to develop an AI solution for the detection of fraudulent claims using Big Data management techniques.

Allianz Maroc, Casablanca *Jul 2019 - Sep 2019*
Data scientist Intern

· Being a Data Scientist intern in the technical direction of "Allianz Maroc", I was able to deepen my knowledge in data science and big data. My mission was to extract data from public web resources using web scraping techniques, as well as to organize, clean and structure this data to begin the phase of data analysis, visualization and prediction with company actuaries.

Yassamine SUP, Casablanca *Mar 2018 - Jun 2018*
PHP Developer intern

· I had the opportunity to achieve my end of studies project of the Bachelor degree in the preparatory classes to engineering schools Yassamine SUP, where I exploited my knowledge in web programming to deal with school administration management problems.

TECHNICAL SKILLS

BIG DATA	HDFS, MapReduce, Spark, HBase, Hive, YARN, ZooKeeper, Oozie, Sqoop, Storm, Impala, Hue, Accumulo, Pig, Flume, Kafka, Nifi, MiNifi, Slider, Druid, Mahout, Ranger, Knox, Kerberos, Ambari, ElasticSearch, BigSQL (HortonWorks Data Platform, Cloudera)
Machine Learning	Regressions, Classification, Clustering, Association Rules Learning, Bagging, Boosting, Stacking, Recommender systems, Dimensionality Reduction
Deep Learning	CNN, RNN, RBM, AutoEncoders (Keras, PyTorch)
Geographic Information System	ArcGis
Containerization	Docker, Kubernetes
Data Management	Talend Data Integration, Data Quality, Web Scraping
Business Intelligence	MS Power BI, Tableau, SAP BO BI, QlikView
SGBD	MySQL, Oracle11g, PL/SQL, DBA, SQL Server, MongoDB, Cassandra
Programming	Python, R, Scala, SAS, JAVA, C++, C, VBA
Web	PHP, JavaEE, WordPress, JavaScript, Django
Internet of Things	Raspberry Pi, MQTT, Arduino
Computer Science Modeling	UML, BPMN, Framework of Zachman, Data Warehouse

CERTIFICATIONS

Natural Language Processing Specialization – DeepLearning.AI

IBM Big Data Engineer : Mastery Award

IBM AI Engineering Professional Certification

Advanced Data Science Specialist - IBM

Functional Programming in Scala - EPFL Lausanne

Analytics and Big Data - Data Scientist - AWS Educate Digital Certificate

SAS Programming / Machine Learning with SAS Viya

Lean Six-Sigma White Belt Certification

Scrum Foundation Professional Certificate (SFPC)

LANGUAGES

Arabic	Mother Tongue
French	Advanced (Certified DELF B2)
English	Advanced