Bouaouda Zakaria

Big Data Engineer
Computer Science Engineering
Option Software engineering and quality
Mohammadia School of Engineers

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FORMATION

Computer Engineering Cycle
Mohammadia School of Engineers

2019– 2022   *Rabat, Morocco*

Option

Computer Science Engineering, Software Engineering, Big Data

Preparatory School for Engineering Schools
Al Khansaa

2017 – 2019   *Casablanca, Morocco*

Option

Mathematics et physics (MPSI / MP)

Baccalaureate Mathematical Sciences A
Ihsane High School

2016   *El Jadida, Morocco*

Mention

Very good

PROFESSIONAL EXPERIENCES

Big Data Intern
HenceForth
15/02/2021 (in progress), Rabat, Morocco

Design and build of a Big Data Analytics platform in real time and batch computing

Computer Science Intern
Information System Division of RADEEJ
05/07/2021 – 28/08/2021, EL Jadida, Morocco

Realization and implementation of a BPM solution for the automation of the business processes of the company (management of the mails of the order office, management of the complaints and requests).

PROJECTS

Big Data Analytics

Tweets analytics in Stream processing

Tools: Spark Streaming, PySpark, MlLib, Tensorflow

Web Scraping

Web site data extraction program

Tools: Python, Pandas, BeautifulSoup, Selenium

FinTbat : Housing rental website

Conception and realization of a website for housing rental management.

Tools: Spring Boot, Spring Security, MySQL, React

ChatBot

Realization of an intelligent chatbot which allows to answer the questions of the customers of banking context.

Tools: Spring Boot, Angular, MongoDB, OpenNLP

Movie website with recommendation system

Tools: Angular, MongoDb, Scikit-Learn, Flask

Personal web page

personal artistic web page to show my artistic work

Tools: Spring Boot, MySQL, Heroku

TECHNICAL SKILLS

Big Data
Big Data architectures and piplines, Batch processing, Stream processing, Hadoop, HDFS, Spark, Flink, Storm, Kafka, Sqoop, Flume, Airflow, Big Data plateformes: Hortonworks HDP, Cloudera CDP

Data Science :
Tensorflow, BeautifulSoup, Selenium, scraping, Pandas

Intelligence artificielle
Machine learning, Régression Linéaire, Classification, Deep learning, NLP, OpenNLP, TensorFlow, Sickit-Learn

Developpement
Langage de programmation: Java, Python , PHP, C, VB
Back-End: JEE, Spring, Spring Boot, Spring Security, NodeJS,.NET
Front-End: ReactJS, Angular, TypeScript, Html, Css, JavaScript, Bootstrap

Deploiement & Devops:
Jenkins, Ansible, Docker, Git, VirtualBox, Ansible, GitLab CI/CD

Opérating systems & DBMS
Windows, UNIX/ Linux / Access, Oracle 11g, MySQL, phpMyAdmin, FireBase, MongoDB

Conception tools
UML, BPMN, Design patterns, architecture fonctionnelle

Sofware & environement
Eclipse, Code Blocs, Visual Studio, BonitaSoft, Netbeans, Intellij, Jupyter Notebook

CERTIFICATES

Neural Networks and Deep Learning
DeepLearning.AI

Machine Learning
Machine Learning spécialisation par University de Washington sur Coursera
Vérifier à: coursera.org/account/accomplishments/specialization/YKXGXXGQPAEU

Introduction to Big Data
Certified by UCSanDiego Coursera.

Mastering Big Data Analytics
Certifiied by GreatLearning

Machine Learning with Big Data
Certified by Coursera

SQL for Data Science
Certified by Coursera

IOT Cloud Developer
Certified by IBM

KAFKA
Certified by Greatlearning

Flink
Certified by Udemy

EXTRACURRICULAR ACTIVITIES

LINUX Party EMI(2019-2021)
Responsible for the logistics of the Linux Party club

Military
Military training for reserve officer rank

Art
Creation of several artistic paintings on canvas

Language

Arab	French	Anglais
Native	*Fluent*	*Fluent*

HOBBIES

Drawing	*Painting*	*Reading*