Abdellah **RAMI**

DATA SCIENCE · BUSINESS INTELLIGENCE

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Summary

Future computer science engineer, specializing in data science and business intelligence. My main areas of interest are **"machine learning"**, **"artificial intelligence"** and **"computer vision"**. I have continuously a strong will to learn new things, as well as a great endurance in the realization of projects.

Experience

DXC Technology — *Rabat, Morocco*

BUSINESS INTELLIGENCE INTERN — *July 2018 - Aug. 2018*

The development of a dashboard to monitor sales turnover for stores of one of the company's customers, using the tools: **Talend**, **SQL Plus**, **JavaScript**

Education

Master's degree - Artificial intelligence — *Sherbrooke, Quebec, Canada*

UNIVERSITY OF SHERBROOKE - FACULTY OF SCIENCES — *August. 2019 - Dec. 2020*

State engineer diploma - computer science & business intelligence — *Rabat, Morocco*

NATIONAL SCHOOL FOR COMPUTER SCIENCE (ENSIAS) — *Sept. 2017 - March 2020*

General University Diploma - mathematics and physics — *Meknes, Morocco*

PREPARATORY CLASSES FOR ENGINEERING SCHOOLS — *Aug. 2015 - Aug. 2017*

Skills

Programming languages	Python, JAVA, C, JavaScript, PL/SQL, Matlab, PHP, XML, R
Databases	MangoDB, Neo4J, HBase, Riak, Microsoft SQL Server, MySQL, PostgreSQL
Operating systems	Windows server, Windows8-10, Linux Ubuntu, Linux Fedora
tools	Git, PyCharm, Eclipse, SPSS Statistics, SPSS Modeler, Tableau, Talend, Android studio
Other	Neural networks, Regression models, Time series, Data mining, Data analysis, Map reduce
languages	English, French, Arab

Academic projects

Active learning — *Jan. 2020 - April. 2020*

APPLYING DIFFERENT ACTIVE LEARNING STRATEGIES TO DIFFERENT DATABASES USING DIFFERENT NEURAL NETWORK TYPES, THEN COMAPRING AND ANALYZING THE RESULTS OF EACH STATERGIE.

Leaf classification — *GitHub repo : git.io/JvG9O*

CREATING A CLASSIFICATION MODEL USING THE KAGGLE LEAF DATABASE CONSISTING OF BINARY LEAF IMAGES AS WELL AS FEATURES, INCLUDING SHAPE, MARGIN & TEXTURE USING 6 DIFFERENT ALGORITHMS : **LOGISTIC REG**, **ADABOOST**, **RANDOM FOREST**, **SVM**, **NAIVE BAYES**, **NEURAL NETWORK**. — *Sept. 2019 - Dec. 2019*

Advanced analytics for smart transportation — *Jan. 2019 - Juin 2019*

ANALYSIS OF DATA COLLECTED BY SMART SENSORS IN THE CITY OF AARHUS, DENMARK, TO CREATE A SHORT-TERM PREDICTION MODEL OF THE LEVEL OF CONGESTION ON THE ROADS OF THIS CITY USING **TIME SERIES** AND **NEURAL NETWORKS**.

Recommender systems — *Mar. 2019 - Mai 2019*

ANALYSIS OF DATA PROVIDED BY YELP, A BUSINESS EVALUATION WEBSITE, TO CREATE **ASSOCIATION RULES** BETWEEN THE REVIEWED BUSINESSES, SO AS TO GENERATE PERSONALIZED RECOMMENDATIONS FOR THE USERS.

Natural language processing — *GitHub repo : git.io/JvGHW*

TRAINING OF A NEURAL NETWORK MODEL FOR THE RECOGNITION OF A NATURAL LANGUAGE. — *Mar. 2019 - Mai 2019*

ACQUIRED NOTIONS : **NGRAMS**, **TF-IDF**, **MULTI-LAYER PERCEPTRON**.

Competitions

2019 **2nd place on national level, 532 on international level,** IEEEXtreme 24-Hour Programming Competition

2018 **Semi-final at college level,** MCPC Moroccan Collegiate Programming Contest