



## SUMMARY

From an engineering background, I converted to data science because of my love to numbers, processing data and math. For that, I have learned a bit more of python, matlab, linux, SQL, machine learning, Data engineering. Over the next years, I intend to develop as a data scientist.

## DATA SCIENCE CERTIFICATES

### Learn SQL Basics for Data Science

University of California, Davis - Coursera

SQL for Data Science, Data Wrangling, Analysis and AB Testing, Distributed Computing with Spark SQL, Capstone Project

### Applied data science with python

Michigan University - Coursera

Introduction to Data Science, applied plotting, machine learning, text mining and social network analysis in python

### Machine learning

Stanford University - Coursera

Supervised learning, unsupervised learning and best practices in ML (bias/variance)

## DATA SCIENCE PROJECTS

- Credit card transactions classification
  - Breast cancer classification
  - Olympic games Data analysis
  - Recognition of hand-written digits
- <https://github.com/hassanrhanimi>

## EDUCATION

### Mechanical Engineering - 2017

M. Sc., Mines ParisTech, Paris - France

### Industrial Engineering - 2016

Master & Engineer Degrees, ENSAM, France & Morocco

## ACTIVITIES / INTERESTS

Proactive about learning diverse things and happy to encounter new people. Favorite physical activities would be football, street workout & running .

## WORK

### Industrial engineer/ Jul 2018 - Aug 2020

#### Aptar-Pharma, Val-de-reuil - France

Monitoring of the development of a new valve

Data analysis (measurement and release tests)

Technical support to capacity increase

Resolution of manufacturing plant issues

Management of the switch to 3D measurement methods

SPSS MsProject CREO PLM-Windchill SPC

### Mechanical engineer/ Mar 2017 - Sep 2017

#### CEA, Cadarache - France

Modeling of the austenitic stainless steel behavior

Specific tests on specimens cutted from the structure

Data wrangling identification of the model

Linux Gnuplot Zset-Zebulon Material behavior

### Junior project manager / Mar 2016 - Sep 2016

#### Renault, Guyancourt - France

Integration of Additive Manufacturing processes to manufacture functional prototypes

Manage suppliers on the manufacturing of samples

Development of a VBA application: «Decision support system for the choice of the AM process»

Automotive parts AM processes MsProject VBA

## SKILLS

#### Languages:

- Arabic : Native
- French : Fluent
- English: Fluent

**Personal:** Rigor, A get the work done person, Analytical skills, Communication, Adaptability and teamwork

**Tools:** SQL, Python, Matlab, VBA, NumPy, Scipy, Pandas, Scikit-learn, NLTK, NetworkX Matplotlib, seaborn ...

**Other:** Data science and ML, Distributed computing, Project management