



DALIL ROUABAH

(02/08/1995)

DATA SCIENCE, MACHINE  
LEARNING

## OBJECTIVES

Acquire experience in data science, machine learning, and artificial intelligence.

## SKILLS

MS Office, Python (Pandas, scipy, numpy,...) , IPython, Jupyter, R, RStudio, MatLab, LaTeX, C++, Google Analytics, Linux, MacOS, Windows. Data analysis (PCA, MCA, clustering), MCMC, statistical inference and modeling, Machine Learning, TensorFlow.

Ability to adapt quickly, to work in groups, and to communicate well. Independent and eager to learn.

French (native), English (fluent), Spanish and Arabic (basics)

## CONTACT

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[LinkedIn Profile](#)

## EDUCATION

FST NANCY, FRANCE – 2018-2020

**Master's degree in mathematical engineering for data science.**

Notions :Google's PageRank algorithm, linear and nonlinear optimization, SVD, Python, statistical modeling, MCMC, stochastic calculus, data analysis, machine learning, data extraction, clustering, statistical testing, APIs, data visualization, financial mathematics, ...

UFR MIM, METZ, FRANCE – 2015/2018

Bachelor's degree – Mathematics and applications

LYCEE STANISLAS – VILLERS-LES-NANCY, 2013

Baccalauréat speciality Mathematics. (13.94/20)

## EXPERIENCE

STUDY CASE – UNIVERSITÉ DE LORRAINE

FEBRUARY 2019 – JUNE 2019

**Master's thesis** – Quality control of Google Analytics data.

Implementation of a method to **analyze aggregate data rigorously** and to **determine if a data analysis report is of good quality (Conversion rate optimization background)**. Grade: 15/20

UFR MIM – UNIVERSITÉ DE LORRAINE

FEBRUARY 2018 – JUNE 2018

**School project** on Markov Chains and applications to financial mathematics. **Skills acquired** : project management through several months, implementation of a logical plan, oral presentation. Grade: 13/20

CRÉDIT AGRICOLE DE LORRAINE, NANCY MICHOTTES

FEBRUARY 2018 – APRIL 2018 (THREE WEEKS)

Mentored by a heritage advisor. Missions: phoning, assistance on commercial actions, heritage statements & tax calculations.

**Skills acquired**: exposure to the banking world, interpersonal skills.