DATA SCIENTIST - MACHINE LEARNING ENGINEER

Abdelhak Zabour

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Passionate about innovation, Data Science and digital transformation, I am ready to start a career in IT and discover more experimental aspects, develop myself as a person and help my team achieve better goals.

EDUCATION

Master2 | Science In Natural Language Processing
Université de Lorraine - IDMC

📅 September 2020 – September 2021   📍 Nancy

- Deep Learning and Data Mining.
- Text and Speech Processing.
- Software Project.

Master | Science In Industrial And Applied Mathematics - Data Science
Grenoble INP - ENSIMAG

📅 September 2018 – June 2020   📍 Grenoble

- Machine learning and Deep Learning.
- Skills in both the mathematical aspects of data science, probability and statistics, and practical skills in data analysis and programming.
- Data visualization.
- Theoretical and practical knowledge of probability and statistics.
- Modeling, Optimization, Operational Research.
- EDP: Partial differential equation.

ACADEMIC PROJECTS

Data Scientist: Automated Essay Grading
Université de Lorraine- IDMC

📅 November 2020 – February 2021   📍 Nancy

- Build a model for automated grading system for English essays by extracting multiple features using various techniques (BERT, GPT-2, …).
- Deploy the pre-trained model for an online application with Flask.

Data Scientist : Graph Analysis
Grenoble-INP ENSIMAG

📅 December 2019 – January 2020   📍 Grenoble

- Design networks from data sets.
- perform graph analysis to extract information on the pattern of Face-to-Face contact among student community.

PROFESSIONAL EXPERIENCE

Data Scientist NLP / Machine Learning Engineer
Aliae

📅 March 2021 – July 2021   📍 Nancy

- Track user mood during the conversation with a medical chatbot and detecting negative tendencies.
- Develop a natural language understanding (NLU) component for a chatbot.
- Integrate a sentiment awareness mechanism by forecasting the user's sentiment following a question.

Data Scientist / Machine Learning Engineer
Michelin

📅 March 2020 – July 2020   📍 Clermont-Ferrand

- Define clusters of products based on complex space features.
- Use machine learning techniques to predict the profiles useful for manufacturing semi-finished products based on the expected end product.
- Take charge of the business concepts used and define the space of variables useful for solving the problem.

SKILLS

- Programming

`Python` `R` `SQL` `NoSQL` `LaTex` `HTML` `C++` `C`

- Tools

`Pycharm` `Git` `Visual Basic` `Linux` `Jupyter` `PySpark` `Docker` `Streamlit`

- Data Science

`Data Pre-Processing/Visualisation` `Machine learning / Deep learning` `Transfer Learning` `Pytorch` `Tensorflow` `RNN` `CNN` `ARIMA`

PERSONAL SKILLS

Highly Motivated

Autonomous & Pro-Active

Problem solving

Team player

Organized Structured

LANGUAGES

English : Fluent

French : Professional

Arabic : Mother tongue

INTERESTS

Sport : Swimming, Soccer

Other : High tech, Travelling, and Photography