

Taha EZ-ZOURY

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Data Science Major in Ecole des Mines de Saint-Etienne

WORK EXPERIENCE

Data & ML Projects

Saint Etienne, France

Ecole des Mines de Saint-Etienne

- Applied Machine learning and statistical algorithms to solve data problems: Classification, Clustering, Dimensionality Reduction PCA, Regression, Regularization, Decision Trees, Time series...
- Worked on Data Sonification with a team of three by implementing an algorithm for sonifying the Earth's orbital movement around the sun in a three-dimensional format.

Operator Internship

El Jadida, Morocco

Flour mill Mazagan – International Flour Producer

Jan. 2023 – Feb. 2023

- Assisted in flour preparation and bagging, in a 25-member operator team

Citizen Project

Saint Etienne, France

Association Come See Too

Dec. 2022 – Jun. 2023

- Collaborated with a team of 9 members to enhance association's activities, structured and managed workgroups, overseeing the administrator team, and improving project organization
- Simplified association's grant process using GPT-3.5, reducing the processing time by one third across 5 applications

Research Project

Benguerrir, Morocco

Preparatory classes LM6e

Sep. 2021 – Jun. 2022

- Managed a research project on modeling evacuation scenarios and its use in prevention
- Implemented a Python solving algorithm and applying it to simulate a small-scale classroom evacuation scenario involving 25 people

EDUCATION

Ecole des Mines de Saint-Etienne 2022 – 2025

Saint Etienne, France

Master's Degree of Engineering

- Major in Data Science: Advanced Probabilities & Statistics, Statistical learning, Machine Learning, Deep Learning, Big Data, Optimization, Operational Research, Numerical Methods...
- Minors: Integrated Applications, Image Processing, Management, Marketing...

Preparatory classes to the French "Grandes Écoles" MPSI/MP* 2020 – 2022

Benguerrir, Morocco

Baccalaureate's Degree in Mathematics and Physics – With Honors – 19,11/20

El Jadida, Morocco

EXTRACURRICULAR ACTIVITIES

President of the International Students Association

Saint Etienne, France

- Facilitated the smooth arrival of over 80 international students, ensuring a welcoming experience Jun. 2023 – Present
- Coordinated an integration weekend for international students, in collaboration with the school
- Planned and executed lively events for 100-150 students from diverse backgrounds worldwide, promoting inclusivity and cultural exchange and improving managing skills

Sport Office Association – Event Manager

Saint Etienne, France

- Managing 11 school sports courses, ensuring their effective operation Jun. 2023 – Present
- Organized various sports tournaments, overseeing the Tennis tournament with 35 players

Maths&Maroc Association – Pôle Orientation

Oct. 2023 – Present

SKILLS, ACTIVITIES & INTERESTS

Languages: Arabic (Native), English (Full working proficiency), French (Full working proficiency), Spanish (Beginner)

Technical Skills: Python, SQL, C, R, Java, MATLAB, VBA, Shell

Interests: Tennis, Football, Moroccan Cuisine, Commerce, Politics