

Matteo Lemesre

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PROFILE

Graduate from **École Centrale de Nantes** (Nantes, France), 23 years old, specialized in **Applied Mathematics** and **Data Science**, I am currently looking for a **first full-time position as a Data Scientist or Data Analyst**.

EXPERIENCE

Data Engineer - Internship <i>ALSTOM</i>	April 2025 - Sept 2025 Bangkok, Thailand
<ul style="list-style-type: none">Objective: Designed and implemented a BIM (Building Information Modelling) library to streamline access to project information across engineering teams.Developed data extraction scripts for metadata retrieval, automated asset tagging workflows and structured process documentation. Managed a team of four members.Skills: Python, C# and Windev development, interface design, data architecture, project management and leadership.	
Mathematics Oral Examiner <i>Lycée Saint-Stanislas</i>	Sept 2024 - Mar 2025 Nantes, France
<ul style="list-style-type: none">Conducted weekly 1-hour oral examinations (colles) for groups of three students in advanced mathematics.Assessed their knowledge in analysis, algebra and mathematical reasoning, while preparing them for competitive oral exams required for entrance into top French engineering schools.	
Data Scientist - Internship <i>HelloAsso</i>	April 2024 - Aug 2024 Bordeaux, France
<ul style="list-style-type: none">Objective: Predict the benefits won in the short and long time by HelloAsso to give a marketing action plan.Benchmarked various models (ARIMA/SARIMAX, Gradient Boosting, LSTM networks) and optimized hyperparameters.Skills: Python, SQL, Pandas, Scikit-learn, TensorFlow, data cleaning, data visualization, communication.	

EDUCATION

École Centrale de Nantes <i>Engineer's degree</i>	Sept 2022 - Sept 2025 Nantes, France
<ul style="list-style-type: none">Majors: Applied Mathematics & Data ScienceCoursework: Machine Learning and Statistical Learning, Numerical Probabilities, Fundamental Mathematics, Processing Scientific Computing and Optimization, Statistical Data Modeling	
Lycée Janson de Sailly <i>"Classes Préparatoires aux Grandes Écoles"</i>	Sept 2020 - June 2022 Paris, France
<ul style="list-style-type: none">A 2-year intensive program preparing for the national competitive exams for admission to French Engineering Schools.Coursework: Mathematics, Physics, Python, SQL	
Lycée Thérèse d'Avila <i>High School</i>	Sept 2017 - June 2020 Lille, France
<ul style="list-style-type: none">French equivalent of a High School Diploma with a science specialization, obtained with honors.	

PROJECTS

Epidemiological Analysis LS2N	
<ul style="list-style-type: none">Objective: Comparing epidemiological dynamics of COVID-19 across different French departments using the Unbalanced Optimal Transport method.Skills: Mathematical analysis, time series data processing, algorithm implementation in Python, optimization, interactive visualization with Streamlit.	
Data Science Challenge SNCF	
<ul style="list-style-type: none">Objective: Predicting passenger load on SNCF trains using temporal, geographic and contextual data. Development of a complete data pipeline, from exploration to modeling.Skills: Python, Data cleaning and exploratory analysis (Pandas, Seaborn), supervised modeling (linear regression, random forest, gradient boosting), recurrent neural networks (RNN) and model evaluation.	

LANGUAGES

French - Native
English - TOEIC 855/990
German - Professional working proficiency