

# EMMANUEL LE HIR

Seeking a 6-month end-of-studies international internship starting March 2025

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## Professional Summary

Motivated final year student in applied mathematics and economics, seeking an international end-of-studies internship in consulting starting March 2025. Strong background in strategic planning, business development, and transformation. Experienced in leveraging quantitative skills to solve complex management challenges.

## Work Experience

### Saint-Gobain – Multinational Industrial Conglomerate

*Data Science Intern*

Paris, France

April 2024 — August 2024

- Projects automation to accelerate business development.
- Developed a Python library to streamline the use of AI for internal operations, while ensuring compliance with the group's confidentiality policies, enhancing productivity and decision-making processes.

### EY – Global Business Services

*Financial Audit Intern*

Paris, France

September 2023 — March 2024

- Assisted in executing financial audits for major clients, ensuring data accuracy and regulatory compliance.
- Identified discrepancies and risks in financial data, working closely with senior auditors to enhance internal controls.
- Contributed to the preparation of detailed audit reports, delivering actionable insights that improved client financial strategies and operations.

## Education

### École des Mines – Engineering School

MSc in Applied Mathematics and Decision Engineering

Nancy, France

2021 — Expected 2025

Relevant coursework: *Mathematical Modelling, AI & Computer Science, Statistics & Probabilities.*

Final-year project: *Detection of Lung Lesions Using Machine Learning and Bayesian Methods.*

### Faculty of Law, Economics, and Management

Master's Degree in Energy and Digital Transition Economics

Nancy, France

2022 — Expected 2025

Relevant coursework: *Econometrics, Risk Analysis, Energy Policy Evaluation, Financial Management.*

### Lycée Charlemagne – Engineering Preparation Classes

Preparatory course for competitive exams

Paris, France

2018 — 2021

Relevant coursework: *Mathematics, Physics.*

### École Alsacienne – High School

French Baccalaureate, Scientific Section, with Highest Honors

Paris, France

2018

## Skills

### Languages:

- French (native)
- English (fluent C1 – *IELTS 7.5/9*)
- Spanish (intermediate B2/C1 – *SIELE 815/1000*)

### Programming:

- *Programming Languages:* Python, R, VBA, SQL, MongoDB, MatLab, LaTeX, HTML/CSS
- *Libraries/Frameworks:* Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Microsoft Office
- *Version Control:* Git, GitHub, Microsoft Azure

## Activities & Interests

- **Music:** Advanced piano practice; graduate of the Conservatoire Darius Milhaud in Paris. Courseworks includes music theory, chamber music, sight-reading, transposition, and choir.
- **Student Associations:**
  - Chief Administrative Officer, [Mines Student Consultancy](#) – Managed a team of 30, established partner relations
  - Events Manager, [Student Sports Association](#) – Organized regional sport events for over 1,000 participants and managed Mines Nancy's delegation in national ones.
  - Participant, [Course Croisière de l'EDHEC](#) – Assisted in securing sponsors. Team sport competition.
- **Sports:** Regular practice in tennis, climbing, and football. Accomplished long-distance hikes and biking trips, including GR20 and sections of GR5 European trails, as well as a biking trip along the Croatian coast. Actively interested in motorsports, including MotoGP, FIM EWC, WRC, WEC, and F1.