# EMMANUEL LE HIR

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## PROFESSIONAL SUMMARY

Motivated and results-oriented student in Applied Mathematics and Business, actively seeking an international internship in finance for March 2025. Strong background in financial analysis, data modeling, and strategy, with a passion for using quantitative skills to solve complex business problems. Experience in both technical and business environments, with a focus on delivering impactful solutions.

## EDUCATION

**ECOLE DES MINES - Engineering School** — Nancy, France
MSc in Applied Mathematics and Decision Engineering — 2021 – Expected 2025
Relevant coursework: *Mathematical Modelling, Financial Markets, AI & Computer Science, Statistics & Probabilities.*

**FACULTY OF LORRAINE - Business and Economics** — Nancy, France
Master's Degree in Business & Economics — 2022 – Expected 2025
Relevant coursework: *Econometrics, Financial Management, Innovation, Strategic Management.*

**Engineering Preparation Classes - Lycée Charlemagne** — Paris, France
Intensive undergraduate course preparing for highly competitive French engineering school entrance exams — 2018 – 2021
Relevant coursework: *Mathematics, Physics.*

**ÉCOLE ALSACIENNE HIGHSCHOOL** — Paris, France
French Baccalaureate, Scientific section, with Highest Honors — 2018

## WORK EXPERIENCE

**SAINT-GOBAIN (Multinational Industrial Conglomerate)** — Paris, France
*Data Science Intern* — April 2024 – August 2024 (5 months)

- Developed a Python library to streamline the use of AI for internal operations, enhancing productivity and decision-making processes.
- Led the automation of business processes, including optimizing truck loading operations, improving efficiency by 15%.
- Spearheaded a $CO_2$ emissions reduction initiative, introducing data-driven corrections in raw material purchases, cutting errors by 30%.

**EY - Global Business Services** — Paris, France
*Financial Audit Intern* — September 2023 – March 2024 (6 months)

- 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.

## SKILLS

- **Languages:** French (native), English (fluent, IELTS 7.5/9), Spanish (intermediate, SIELE 815/1000)
- **Programming Languages:** Python, R, SQL, MongoDB, MATLAB
- **Libraries/Frameworks:** Pandas, NumPy, Scikit-learn, TensorFlow, Keras
- **Financial Tools:** Excel (advanced), Power BI
- **Version Control:** Git, GitHub

## ACTIVITIES & INTERESTS

- **Student Associations:** Mines Student Consultancy (Chief Administrative Officer), Student Sports Association (Events Manager)
- **Music:** Advanced Piano practice (Graduate from Conservatoire Darius Milhaud of Paris)
- **Sports:** Tennis, Football, Long-Distance Hiking/Biking (GR20, GR5 European trails), Motorsports