




GUILLAUME EYMERY

Graduate Student in Industrial and Systems Engineering at Georgia Tech, specializing in Supply Chain
Systems and Operations Research, seeking to apply my skills in an internship or full-time position

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, H.Milton's School of Industrial and Systems Engineering (ISyE), Atlanta Master of Science - Supply Chain Engineering <ul style="list-style-type: none">- Courses in Operations Research, Supply Chain Engineering, Warehousing Systems, Statistics and Probabilities	Fall 2024 - Aug 2025 (expected graduation)
ECOLE NATIONALE SUPÉRIEURE D'ARTS ET MÉTIERS PARISTECH (ENSAM), Paris Master of Science - Engineering <ul style="list-style-type: none">- Major: Mechanical Engineering- Minor: Industrial Engineering	Sept 2019-July 2024 GPA : 3.80/4.00

PROFESSIONAL EXPERIENCE

LAMOTHE ABIET, Bordeaux – Wine Making company, leader in oenology Assistant to the Supply Chain Manager (Summer Internship) <i>Objective: Replace the Supply Chain Manager during his vacations and ensure the continuity of the production, logistics, and restocking of the warehouse inventory</i> <ul style="list-style-type: none">- Developed and executed supply chain strategies to align with organizational goals and strategy (+ \$ 1M in product purchases)- Managed company logistics in collaboration with 3PL firms.- Oversee and control the arrival of the purchase orders in the warehouse and integrating them in the WMS.- Elaborated and launched a program (VBA) that cross-references the sales forecasts with the current stock and isolates the perishables that are at risk of expiring before they can be sold.	June 2023–Aug 2023
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SELECTED PROJECTS

“Portfolio Optimization Applied in Stock Trading Strategies”, <ul style="list-style-type: none">- Creating investing strategy using Python libraries and historical market data- Focused on optimizing metrics like the Sharpe Ratio- Simulated models on indices like CAC 40, S&P 500, and SSE50- Backtested strategy over 13 years, consistently outperforming markets by 2-5% annually	Apr 2024 - June 2024
“Adaptive Optics and Laser Doppler Velocimetry to Determine the Retinal Blood Flow”, <ul style="list-style-type: none">- Developed a Laser Doppler Velocimetry system inspired by EPFL research- Measured laminar flow by tracking microparticle speed in various liquids- Performed theoretical calculations linking frequency shift, laser wavelength, particle speed, and angle of attack- Achieved one of the top grades in PSI (Physics & Engineering Science) in France	Sept 2021 – Aug 2022 Grade: A+ (18.5/20)

SKILLS

Programming languages:

- **Python:** fundamental programming principles, data treatment, analysis, and manipulation (*NumPy, Matplotlib, SciPy, Pandas*), financial data analysis (*yfinance, Backtesting*), object oriented programming skills.
- **VBA:** data analysis, and automation in a real-world business context.
- **SQL:** SQL Queries, Data Manipulation, Table Creation, Index management

Software Skills:

- **Microsoft Dynamics 365 Business Central (ERP):** Data Entry and Management, Reporting and Analytics, Financial Management
- **3D Experience, Catia (CAD):** Part Design, Assembly Design, Generative Shape Design, Collaborative Shape Design
- **LaTeX:** Mathematical Typesetting, Document Preparation

Languages: French (Native), English (Fluent TOEFL iBT: 107), Spanish (Intermediate)

INTERESTS & INVOLVEMENTS

- **Food runs** in the streets of Bordeaux with the association **Action Froid**, providing people in need with a hot meal, blankets, hygiene products, and emotional support. Weekly food runs were organized to give back to the community. (2023-2024)
- **Responsible for the wine-tasting branch** of the enology association of ENSAM Bordeaux to educate the students on the science of winemaking and organize wine-tasting events: choice of wines, budget management, and organization of tasting sessions. (2024)
- **Music:** 10+ years playing the piano, 3+ years' experience in Music Composition assisted by computer, extensive knowledge of sound production & mastering.
- **Sports:** basketball, track & field
- **Traveling:** Discovering cultures of foreign countries (Mexico, Jordan, Cambodia...)



Link to my personal webpage
& projects portfolio