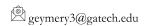
#### **GUILLAUME EYMERY**

# 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



**U**S: (646) 817-1905

131 Ponce de Leon, Apt 215, 30308, GA

### **EDUCATION**

GEORGIA INSTITUTE OF TECHNOLOGY, H.Milton's School of Industrial and Systems Engineering (ISyE), Atlanta

Fall 2024 - Aug 2025 (expected graduation)

Master of Science - Supply Chain Engineering

- Courses in Operations Research, Supply Chain Engineering, Warehousing Systems, Statistics and Probabilities

# Sept 2019-July 2024

# ECOLE NATIONALE SUPÉRIEURE D'ART'S ET MÉTIERS PARISTECH (ENSAM), Paris

Master of Science - Engineering

Major: Mechanical EngineeringMinor: Industrial Engineering

# GPA: 3.80/4.00

June 2023-Aug 2023

#### PROFESSIONAL EXPERIENCE

# LAMOTHE ABIET, Bordeaux - Wine Making company, leader in oenology

Assistant to the Supply Chain Manager (Summer Internship)

Objective: Replace the Supply Chain Manager during his vacations and ensure the continuity of the production, logistics, and restocking of the warehouse inventory

- 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.

# SELECTED PROJECTS

## "Portfolio Optimization Applied in Stock Trading Strategies",

Apr 2024 - June

- Creating investing strategy using Python libraries and historical market data

2024

- 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

# "Adaptive Optics and Laser Doppler Velocimetry to Determine the Retinal Blood Flow",

Sept 2021 – Aug

Grade: A+ (18.5/20)

2022

- 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

### **SKILLS**

### Programming languages:

- Python: fundamental programming principles, data treatment, analysis, and manipulation (*NumPy, Matplotlib, SciPy, Pandas*), financial data analysis (*yfinance, Backetsting*), 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