

Guillaume Eymery

AI Engineer and Model Developer - Georgia Tech Industrial & Systems Engineering Graduate

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Professional Experience

CS GROUP, France

Jan 2026 – July 2026

Artificial Intelligence Engineer Intern

- Developed multi-agent AI models for aircraft combat simulations within the Defense & Security Business Unit.
- Designed autonomous decision-making behaviors using reinforcement learning (self play) and rule-based approaches.
- Integrated AI models into an operational Computer Generated Forces (CGF) software used by the French Army and numerous industrial clients.
- Built realistic, large-scale air combat scenarios for AI training and simulation.
- Presented AI capabilities to internal leadership, external partners, and potential investors during events.

Georgia Tech Financial Services Innovation Lab, Atlanta

Aug 2025 – Dec 2025

Automation Engineer - Student Research Assistant

- Designed and delivered a Python-based tool to parse and interpret SEC XBRL/iXBRL filings, enabling structured access to financial disclosures across 500+ companies.
- Automated retrieval of financial data via EDGAR API and REST APIs, reducing manual data-prep time.
- Built a structured dataset to support machine learning and optimisation research facilitating new insights into company financial risk drivers.

Truist Bank, Atlanta

Jun 2025 – Aug 2025

Quantitative Model Development Intern

- Reverse-engineered the bank's credit-rating methodology: mapped balance-sheet & income-statement drivers to credit-worthiness, achieving an R² of 0.85 vs. benchmark.
- Developed a 12-month default-probability model in R, enabling senior management to benchmark borrower risk under multiple macro-economic scenarios.
- Built macroeconomic forecasting models using factor-based time-series techniques and Kalman filtering aligned to Fed scenarios, supporting stress testing and strategic planning.
- Authored documentation with full reproducibility, enabling audit traceability and cross-team adoption of the model.

Lamothe Abiet, France

Jun 2023 – Aug 2023

Operations & Data Analysis Intern

- Developed a VBA-based model linking sales forecasts and inventory levels, reducing perishables losses by 15%.
- Served as interim Supply-Chain Manager: led planning, logistics and inventory operations achieving ~95% on-time delivery for +100 clients.
- Designed and tracked key KPIs to optimise cost and service-level trade-offs.

Education

Georgia Institute of Technology, School of Industrial Systems Engineering (ISyE)

2024 – 2025

M.S. in Industrial Engineering (SCE)

Relevant courses: *Operations Research · Statistics · Financial Engineering · Strategy*

École Nationale Supérieure d'Arts et Métiers ParisTech (ENSAM), Paris

2020 – 2024

B.S. / M.S. in Industrial Engineering

Courses: *Industrial Engineering · Computer Science · Financial Accounting · Advanced Math & Statistics*

Skills

Technical & Analytical: Python (OOP, AI, data analysis, optimisation, automation) · R · SQL · SAS · Excel (advanced) · Power BI · Microsoft Dynamics 365

Personality: Problem-solving, strong communicator, proactive learner.

Languages: French (Native) · English (C2) · Spanish (Intermediate)

Leadership & Involvement

Graduate Teaching Assistant – Optimization, ISyE – Georgia Tech

Fall 2025

- Guided graduate students on optimisation assignments, graded their papers, provided feedback and supported project development.

C.A.S.E. Graduate Student Assistant, ISyE – Georgia Tech

Jan 2025 – May 2025

- Tutored undergraduates in hypothesis testing, regression, correlation and estimation.

Volunteer – Action Froid, Bordeaux

2023

- Participated in street-outreach, distributing food/clothing and assisting people in need.