

# Trystan Geoffre – Available to work Full-Time

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[LinkedIn](#) | [GitHub](#) | [Medium](#)

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## Beyond the resume

I am a Junior Data-Scientist managing both studying remotely at the top French university and self-teaching Data-Science. Currently in a solo journey in the Eastern-Europe, immersed in building Data Science projects and combat sports. I am now highly motivated to secure a full-time job or an in-depth Internship.

## EDUCATION

### Bachelor of Economics and Management

2022-

University Paris-Saclay – #15 World University | #2 World in Mathematics – Shanghai Ranking 2023

Paris, France

- Mathematics grade: 19,5/20

### Prépa-Intégrée – Undergrad 2 years program integrated to a Master in Management (MiM)

2021-2023

Leonard De Vinci School of Management (EMLV)– #3 Post-High School Rank for MiM

Paris, France

- International Track – Fully in English
- Top 10% Student in 11 subjects

## EXPERIENCES

### Management Assistant – CCFD-Terre Solidaire

- Creation of a tool to streamline the processing of expense reports between 3 departments
- Analytical control for annual financial report

Technical skills used: Visual Basic for Applications (VBA) · Microsoft Excel & PowerPoint & PowerAutomate

### Vice President External Relations – DeVinci Partners (Professional Association)

- Create and strengthen relationship with companies

### Project Manager

- Managed 13 professional events such as schools' professional comities, companies' days, conferences...
- Supervised and directed groups of up to 50 individuals and 80 companies

### Full Stack Trading Platform (Repository [Link](#))

October-November 2023

- Languages: Python, SQLite, HTML
- Libraries & APIs: Alpaca API, Ta-lib, Backtrader, FastAPI (Jinja2), Trading View, Crontab, Semantic-UI...
- Database: 5 Tables, +35 Million rows, +5GB data, Automated filling
- 6 Trading Strategies: **7.6% Profit** in 20 days test

### Trading AI – TensorFlow (Repository [Link](#))

September 2023

- Model: Bidirectional LSTM with Learning Rate Scheduler, Checkpoints, Early Stopping Mechanism
- Trained on normalized S&P 500 data | Prediction using Backtrader | Live Trading with Alpaca API

### Deep-Learning Projects – TensorFlow (13 projects & Terms Definitions [Link](#))

August-September 2023

- Deep-Learning Models: DNN, CNN, FNN, RNN, NLP, LSTM, RL (Q Learning)
- Custom TensorFlow Technics: Layers, Training Loop, Model Fit, Callbacks

### Machine Learning Projects (7 projects & Terms Definitions [Link](#))

June-July 2023

- Libraries: Numpy, Pandas, Scikit-Learning, matplotlib, imblearn, scipy...
- Data Modification: Binning, Mapping, Standard Scaling, One Hot Encoder, Box-Cox transformation
- Hyperparameter Tuning: GridSearchCV, Cross-Validation
- Models: Random Forest, AdaBoost, GradientBoost, XGBoost, SVM, Monte Carlo, Logistic Regression (Lasso, Ridge, Elastic Net), Decision Tree. Model Blending
- Dimensionality Reduction: Principal Component Analysis (PCA)

### Data Visualization and Foreign Interference Project: Unravelling China's Cyber Landscape ([Link](#))

October-2023

For Canadian Network on Information and Security (CANIS)

- Data Visualisation: SQL Cypher (Neo4j Graph Database)

## Hackathons

- ROAM & Hussar Academy Paris-Dakar 2023 — Cybersecurity, Metaverse and Web3
- Digital communication and gamification for diversity and inclusion – Physical disability
- Protecting Biodiversity in France & Engaging Stakeholders in Local Areas – Britany

## SKILLS

### Data Science (see Experiences)

**Language:** Python, SQLite, VBA, SQL Cypher (Neo4j), HTML, Git

**Visualisation:** Tableau, Neo4j, Python (Seaborn, Matplotlib...)

**Code Editors:** Visual Studio Code, PyCharm, Jupyter Notebook, Google CoLab, DB Browser for SQLite

**Graded Exams:** 5h Exam [TensorFlow Developer Certificate](#) | 3h Exam [Business Intelligence & Data Analyst](#)

**Other Formations:** [TensorFlow Developer by DeepLearning.AI](#) | [Introduction to CSS & HTML by Le Wagon](#), [Building Neo4j Applications with Python](#) | [Business Intelligence Analyst by CFI](#)

### Finance

Main Formation	Grading Methods	Time & Credits	Main Competences
Business School (BS) TOP 10% Student in 6 related subjects	Continuous Assessment End of semester Final Exam	Each Subject: 2-4 ECTS credits	Stock Exchange, Finance, Financial Analysis, Accounting, Management Control, Excel
<a href="#">Financial Modeling &amp; Valuation Analyst (FMVA)®</a>	3 hours final Exam (Theory & Case Study) 27 end-of-chapter 1h exams	200 hours program 119 CPE credits**	Financial Modeling, Finance, Excel, Valuation, Budgeting & Forecasting
<a href="#">Capital Markets &amp; Securities Analyst (CMSA)®</a>	3 hours final Exam (Theory & Case Study) 24 end-of-chapter 1h exams	125 hours program 99 CPE credits**	Derivatives, Risk Management, Fixed Income, Analytical Methodologies, Commodities, Equity

\*\*Continuing Professional Education (CPE) for Certified Public Accountants (CPA) by National Association of State Boards of Accountancy (NASBA)

**SAP S/4HANA:** [Overview of Financials in SAP S/4HANA](#) (10hours)

#### Financial Data Provider

- Python: Alpaca API, Yahoo Finance
- Exposed to: Capital IQ, Refinitiv, Bloomberg

**Excel:** VBA, Regressit, Data Analysis, Power-Query, Power-Pivot (DAX),

**Other Formations:** [Bloomberg BMC](#) | [FinTech Industry \(FTIP\)™](#) | [Financial Planning & Wealth Management \(FPWM\)](#)

### Sales & Marketing

**BS TOP 10% Student:** Selling and Commercial approach | Marketing Strategy | Marketing Mix Management

**In person Training:** How to sell your ideas (EMLV) | Sell your ideas by Jean Kanaan

**Online Certifications:** [Google Analytics Certification \(GA4\)](#) | HubSpot Academy: [Inbound Sales Certificate](#)

**Books:** Sandler, Dale Carnegie

### Soft Skills

#### In Person Training:

- 4 Weeks of team training (EMLV)
  - o Teamwork, collective efficiency, self-awareness, interpersonal skills, time management...
- How to manage a team (Jean Kanaan)
- Course EMLV: Data research, critical thinking, and academic integrity
- Course University Paris-Saclay: Critical sense and sense in society (SPOC) – Advanced

**Hackathons:** With Engineering & Business & Digital Schools | Internationals students & professionals

### Languages

**English:** TOEFL IBT 104/120 | **C1**

**French:** Native

**Spanish:** Basic Professional Proficiency

**Learning Through travel:** Serbian, Albanian, Russian, Italian, Chinese, Macedonian, Romanian

### Personal Pursuits

**Combat sports:** Aim to compete in Boxing and Jiu-Jitsu

**Travelling:** Solo or with friends | Balkans, Romania, Italy, Czech Republic...

**Football:** With friends | +13years supporting Inter Milan & Manchester United

**Next Hobbies:** Cooking (work in progress)