Trystan Geoffre – Available to work Full-Time

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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

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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 – Canadian Network on Information and Security (CANIS)   October-2023
- *Data Visualisation:* SQL Cypher (Neo4j Graph Database) & Tableau
- *Data Cleaning:* Python

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
Financial Modeling & Valuation Analyst (FMVA)®	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
Capital Markets & Securities Analyst (CMSA)®	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)
  - 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

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Languages

English: TOEFL IBT 104/120 | **C1**
French: Native
Spanish: Basic Professional Proficiency
Learning Through travel: Serbian, Albanian, Russian, Italian, Chinese, Macedonian, Romanian

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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)