

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 Balkans – including Kosovo, Macedonia, Serbia – 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 – De Vinci 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 – 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)® (Link)	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)® (Link)	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)

Financial Data Provider

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

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 (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 (no-Gi)

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)