

Trystan Geoffre – Available to work Full-Time

Trystan.geoffre@gmail.com | +33 6 89 71 72 78 | [LinkedIn](#) | [GitHub](#) | [Medium](#) | [Extended CV](#)

12 route de Fribourg, 1740 Neyruz (FR), Switzerland

Beyond the resume

After securing a position as a Software Developer abroad while studying remotely at the leading French university and immersing myself in combat sports, I am now highly motivated to secure a position joining Finance and Quant modelling.

EDUCATION

Bachelor of Economics and Management

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

2022-

Paris, France

- Mathematics grade: 19,5/20

Prépa-Intégrée – Undergrad 2 years program integrated to a Grande École's Master in Management (MiM)

Leonard De Vinci School of Management (EMLV) – #3 Post-High School Rank for MiM – Le Parisien 2023

2021-2023

Paris, France

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

EXPERIENCES

Software Developer in AI

Desion GmbH

6 Months-

Darmstadt, Germany

- Created machine learning models by implementing and testing them using Python, OpenCV, TensorFlow, PyTorch
- Designed a software module by implementing, testing, and documenting it

CFO Assistant

CCFD-Terre Solidaire (ONG)

2.6 Months

Paris, France

- Streamlined expense report processing across 3 departments through the creation of an *Excel VBA* tool
- Achieved 100% accuracy in the annual financial report through analytical control utilizing Excel and Power Automate

Vice President External Relations & Project Manager DeVinci Partners (Professional Association)

Paris La Défense, France

- Forged relationships with firms, +75% new partnerships and 100% renewals, using prospecting and event creation
- Successfully organized 13 events, supervising and directing groups of up to 50 individuals and 80 companies

Quant Trading:

November 2023-

Serbia- France

- Time Series Econometrics: ADF, KPSS, Fourier Transform, Chow Test, Ljung-Box...
- Data transformations: Polynomial fitting with quadratic, LOESS, Log-Transfer...
- Models: Bidirectional LSTMs, GRUs, ARMA, SARIMA, VARMAX, XGBoost, GARCH...
- Trading AI: (Repository [Link](#)): Bidirectional LSTM with Learning Rate Scheduler, Checkpoints, Early Stopping Mechanism

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

October-November 2023

Montenegro- Albania

- Language: 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

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

August-September 2023

Kosovo- North Macedonia

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

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

June-July 2023

Romania- France

- Libraries: Numpy, Pandas, Scikit-Learning, matplotlib, SciPy...
- Using: Hyperparameter Tuning, Dimensionality Reduction, Data Modification
- Models: Random Forest, AdaBoost, Monte Carlo...

SKILLS

Data Science

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

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

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

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

Finance & Accounting

Top 10% student: 6 courses such as Stock Exchange, Financial Analysis, Management Control, Accounting, Excel

Formations: +550 hours, delivering +250 CPE credits for Certified Public Accountants : [FMVA](#), [CMSA](#), [FTIP](#), [FPWM](#)

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

Soft Skills

In-Person: 5 weeks Soft Skills team trainings, 3 *Hackathons* of 1 week with Engineering & Business & Digital Schools

Languages

English
TOEFL IBT
C1 – 104/120

French
Native

Spanish
Basic Professional Proficiency

Learning through travelling:
Serbian, Albanian, Chinese, Russian, Italian,
Macedonian, Romanian