

## EDUCATION

---

### Bachelor of Economics and Management

University Paris-Saclay – #15 Academic Ranking of World Universities, Shanghai Ranking 2023

- 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) – #2 Post- High School Ranking for MiM

- 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 relationships 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)

- 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)

- 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 (Link for 13 projects & Terms Definitions)

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

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

- 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, Logistic Regression (L1, L2, Net), Monte Carlo...
- Dimensionality Reduction: Principal Component Analysis (CPA)

### Data Visualization and Foreign Interference – Canadian Network on Information and Security (CANIS)

- Data Visualisation: SQL Cypher (Neo4j Graph Database) & Tableau
- Data Cleaning: Python

## SKILLS

---

### Data Science

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

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

**Code Editors**: Visual Studio Code, PyCharm, Jupyter NoteBook, Google CoLab, DB Browser for SQLite, Neo4j Desktop

**Graded Exams**: 5h Exam TensorFlow Developer Certificate | 3h Exam Business Intelligence & Data Analyst

### Finance & Accounting

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

**Formations**: +450 hours, delivering +250 CPE credits for Certified Public Accountants : FMVA, CMA, FTIP, FPWM

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

### Soft Skills

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

### Languages

English  
TOEFL IBT  
104/120

French  
Native

Spanish  
Basic Professional Proficiency

Learning through travelling (Basic Level):  
Serbian, Albanian, Chinese, Russian, Italian,  
Macedonian