CYRIL KFOURI

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4th-year engineering student seeking a data science internship for 5 months starting mid-April 2025

EDUCATION

ECE Paris | *Paris, France*   *Sep. 2021 – Sep. 2026*
- Engineering Degree – Data and AI
- Courses: Machine Learning, Deep Learning, Big Data, Databases, Stochastic Calculus
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Omnes Education London School | *London, UK*   *Sep. 2023 – Dec. 2023*
- International Exchange Program – Finance & Management
- Courses: Operational Mathematical Research, Leadership and Management, Macroeconomics

Institut Notre-Dame de Bourg-la-Reine | *Paris, France*   *Sep. 2016 – Jun. 2021*
- French Baccalaureate with Distinction in Math, Physics/Chemistry and Computer Science

PROFESSIONAL EXPERIENCE

Intech-Sal-Offshore, Internship – Full stack developer | *Jounieh, Liban*   *Jun. 2024 – Jul. 2024*
- Designed APIs with MongoDB, improving data retrieval speed by 30%
- Implemented data extraction and cleaning processes for AI's integration

ICC Group, Internship – Frontend developer | *Beirut, Lebanon*   *Dec. 2023 – Jan. 2024*
- Developed React components as part of a team of 5 for websites
- Converted UI/UX designs into web pages for clients in Qatar

Murex, Observational Internship – Front Office / *Paris, France*   *Apr. 2018 – May. 2018*
- Observed projects to understand alignment with client needs and deadlines
- Monitored interactions with clients and participated in team meetings

RELEVANT PROJECTS

Research, ECE Paris   *Nov. 2024 – Present*
- Question : Do cryptocurrencies protect against inflation ?
- Studied over 10 literature reviews, created a quantitative model with more than 30 equations
- Integrated data into a neural network to capture non-linear relationships

Real Estate Value Analysis in France, ECE Paris   *Dec. 2024 – Feb. 2025*
- Led a team of 5 students. Cleaned a dataset of over 10 million rows and 40 columns
- Created maps, graphs, and models to estimate prices for the next 2 years
- Software tools : Pandas, Matplotlib, Folium, Plotly, Streamlit, Scikit-learn, TensorFlow

Stock Analysis Application, Personal Project   *Sep. 2024 – Dec. 2024*
- Developed and deployed a Big Data pipeline with PySpark to extract insights
- Performed Monte Carlo simulations to assess the risks of a portfolio with over 50 financial assets

Consumer Purchasing Behavior Analysis, ECE Paris   *Sep. 2024 – Oct. 2024*
- Designed a Data Warehouse and performed OLAP analyses on +5 million transactions on Power BI
- Visualized data with Neo4j and applied clustering techniques to analyze heterogeneous data

VOLUNTEERING

ECE Finance, Member | *Paris, France*   *Dec. 2024 – Present*
- Provided technical support for organizing workshops on financial tools and data management

Le Relais Alimentaire, Volunteer | *Bourg-la-Reine, France*   *Nov. 2020 – Jun. 2021*
- Assisted with logistical operations to support over 200 families in need

ONLINE CERTIFICATES

- **DeepLearning.AI TensorFlow Developer Specialization**: DNN, CNN, RNN, NLP, RL, LSTM
- **Microsoft DP-100, Azure Data Scientist Associate** (datascientist.fr)
- **Data Modeling, Power BI** :   Designing relational database schemas

SKILLS & INTERESTS

Languages   French (C2), Arabic (C2), English (C1), Spanish (B2)
Skills   Advanced statistics, Project management, C, C++, Java, SQL, NumPy, Excel, R
Interests   Finance, Football (2 years in team), Piano (10+ years of practice).