

ELOAN TOURTELIER

CONTACT

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TECH SKILLS

Languages: Python, SQL, Swift, JavaScript (Elementary)

Libraries: Pandas, NumPy, PyTorch

Dev: VSCode, Xcode, Docker, Bash, Git

Tools: Power BI, Dataiku, PowerApps

Design: Illustrator, Canva, Figma

LANGUAGES

FRENCH: native

ENGLISH: native proficiency

CHINESE: intermediate (HSK 3/4)

RUSSIAN: low intermediate

CERTIFICATIONS

Dataiku Advanced Designer — Sep 2025

Cambridge C1 — Score 188 — Mar 2020

OTHER EXPERIENCES

Marketing — Club Montagne

Managed internal and external communications for Centrale's Mountain Club through multiple mediums.

Designed the club website, mailing list, and promotional posters using Illustrator and other tools.

Sponsorship — Nuit Centrale Verticale

Developed corporate partnerships via email, social media, and direct website communication.

Secured 9 partnerships, including Petzl, for France's largest student bouldering and lead climbing competition.

Debating Club

Weekly competitive debates in English with a professional debating coach.

Competed internally and against other schools in 5v5 debates on contentious motions.

Trained in FDA debating style.

M.Eng. Student

Looking for a Machine Learning internship, part-time and remote, from February 1st 2026

SUMMARY

M.Eng. student at CentraleSupélec, with a focus on physics and mathematics. Passionate about languages, design, and AI. Experienced in end-to-end data processing/analysis, ML and iOS development. Studied in France and China.

EXPERIENCES AND PROJECTS

DATA ANALYST/ENGINEER — Forvis Mazars

Sept 2025 – Present

Internship in Data at Forvis Mazars, top 5 audit company in Europe. Worked on numerous projects, such as coding local LLM agents with Docker model and tooling (ontologies, RAG), the frontend+backend of an agricultural data visualizing website, a fully working Microsoft PowerApp, a migration from SAS to Dataiku of a complex data pipeline with 100+ steps, and more.

iOS DEVELOPER — Karacter

May 2025 – Present

Designed and published Karacter on the App Store: a Chinese study app with 170k+ lexicon entries and 9.5k+ vectorized characters (pronunciation, HSK level, definitions, stroke order and handwriting search). Implemented the app in Swift (Xcode), database with SQL and Python; codebase of 8300+ LOC.

MISTRAL HACKATHON — MCP integrations

Sep 2025 - weekend competition

Participated in a Mistral AI competition: used MCP (Model Context Protocol) connectors enhancing LLMs and enabling calls to external tools. Built with my team a demo using Spotify, Genius and Wikipedia APIs to add music tooling to Mistral "Le Chat" LLM; 1500+ LOC.

ML CLASSIFICATION — Kaggle competition

School team project

End-to-end classification pipeline of landscape satellite images. Feature engineering and ensemble modeling (XGBoost proved to be the best), final F1 score of 0.95. Used mainly scikit-learn and optimized hyper-parameters; 7000+ LOC.

EDUCATION

CentraleSupélec

Paris / 2023–2027

M.Eng. (expected 2027). Selective engineering school, top 2 in France. Competitive entrance exam: 100/6000+ students (Physics and Chemistry track). Relevant courses: Advanced Mathematics, Machine Learning, Public Sector, Time Series Econometrics.

Paris-Saclay University

2023–2027

CentraleSupélec is part of the Paris-Saclay academic hub. 13th in world Shanghai ranking 2025. 1st in Europe. 2nd in world ranking 2024 in mathematics.

Tongji University — Exchange

Shanghai / Feb 2025 – Jul 2025

Civil Engineering exchange semester; Chinese language cultural immersion. 1st in Civil Engineering in world Shanghai ranking 2024.

Lycée Louis-le-Grand — Preparatory classes

Paris / 2022–2023

Intensive preparatory classes for French "Grandes Écoles". Class rank: 5th. Louis-le-Grand is 2nd in most rankings for engineering schools. Studied: Euclidean and Vector Spaces (Spectral Theory), Multivariate Calculus, Differential Equations, Series, Probability Theory, Electromagnetism, Wave Optics, Thermodynamics, Fluid, Classical and Quantum Mechanics, Organic and Solution Chemistry, Spectroscopy, Thermochemistry, Chemical Kinetics and Catalysis, Crystallography