

THOMAS SAINT SAVIN

Paris, France — Available from June 2026 (3–6 months)

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Engineering student specializing in applied mathematics, statistics, and data science.

EDUCATION

IMT Atlantique <i>M.Eng. in Mathematics (Statistics focus) & Computer Science</i>	2023 – 2027 <i>France</i>
– Ranked 3/380 in mathematics – Main coursework: Probability, Statistical Learning, Numerical Methods, Optimization, Financial Mathematics, Financial Markets – Academic exchange at HCMUT - Vietnam (Spring 2026), focused on Finance, Data science	
Collège Stanislas Paris <i>Preparatory Class (Maths–Physics, MP)</i>	2023 – 2024 <i>Paris, France</i>
– Selective intensive program in advanced mathematics, physics, and computer science within France's highest-ranked MP track	
Institution Sainte Marie d'Antony <i>French Baccalaureate & Preparatory Class (Maths–Physics)</i>	2016 – 2023 <i>France</i>
– Competed in a National Mathematical Contest.	

SELECTED PROJECTS

End-to-end ML pipeline (PyTorch)	2025
– Developed and fine-tuned several models (KNN, SVM, CNN) to tackle structured data tasks, focusing on generalization, optimization, and interpretability (TensorFlow,pandas,scikit-learn).	
Econometrics Project – Education and Economic Growth	2025
– Conducted a fixed-effects panel regression (132 countries) to estimate the impact of education and literacy on GDP growth using World Bank data.	
Quantitative Finance Project – Black–Scholes Pricing & Volatility Smile	2025
– Built a Streamlit app for option pricing and implied volatility smiles using Yahoo Finance available on Github.	
Multi-Factor Quant Strategy (QuantConnect)	2025
– Designed and backtested a systematic multi-factor trading strategy combining alpha generation, portfolio optimization, and risk control (Python, LEAN API).	

PROFESSIONAL EXPERIENCE

Finance Public Center Internship <i>Analyst Intern</i>	Spring 2023 <i>France</i>
– Assisted the taxation department in analyzing inheritance and property tax declarations. Verified data consistency and calculated taxable amounts for individuals and estates.	

LANGUAGES, SKILLS & INTERESTS

Languages: French (native), English (C1), Spanish (B1), Mandarin (A1).

Technical: Python(Pytorch, Tensorflow),Java, C++, SQL, LaTeX, Git/GitHub, Cloud

Skills: Excel, Stochastic Processes, Machine Learning, Optimization, Deep learning

Certifications: Elements of AI from Helsinki University, BMC, IBM LLMs, IBM RAG

Activities: VP – Finance Consulting Atlantic · AI Lead – Kryptosphere · Track & Field athlete (100 m) · Student Union member (500 +) · Chess