

Paul-Emmanuel Meyrignac

Paris, France | Portfolio : paul-emmanuel.meyrignac.fr

EDUCATION

Charles University

Academic exchange

- Key courses: stochastic analysis, derivatives pricing, regression models, machine learning

Feb. 2026 – June 2026

Prague, Czech Republic

CY Tech – Financial Mathematics

Engineering program (MSc level)

- Ranked 3/118 in the applied mathematics module (1st in functional analysis)
- Second-year student of the engineering cycle
- Key courses: stochastic calculus for finance, optimisation, statistics, functional analysis

Sept. 2024 – Present

Cergy, France

Lycée privé Fénelon Sainte-Marie – Lycée Claude Bernard – External Candidate

Preparatory classes

- Three-year intensive preparation for highly competitive entrance exams to top French engineering schools
- Specialised in mathematics, physics and computer science

Sept. 2020 – July 2024

Paris, France

EXPERIENCE

Aromatech – ERP Migration Project

Data Engineer Intern

- Mapped and migrated data from a large undocumented SQL Server database to a new ERP system
- Merged and harmonised heterogeneous data from multiple SQL servers into a unified format
- Automated data extraction pipelines using Excel Power Query for business teams

June 2025 – Aug. 2025

Saint-Cézaire-sur-Siagne, France

PROJECTS

Optimal Control of a Pendulum | *Python*

- Carried out with scientific mentoring from a mathematics researcher
- Variational formulation and theoretical analysis of an optimal control problem
- Numerical implementation and verification of theoretical results

Apr. 2025 – June 2025

Personal Website – Mathematical Content and Projects | *HTML/CSS (Tailwind), Astro*

- Presentation of academic projects
- Detailed explanations of mathematics exercises from engineering school entrance exams
- Scalable platform for future pedagogical and technical content

May 2025 – Present

Hackathon Junior CY Tech | *Python*

- Winner of the Best Project Award
- Object-oriented development of a role-playing game (RPG) in Python
- Collaborative development under time constraints

Oct. 24–25, 2024

ADDITIONAL SKILLS AND INTERESTS

Programming languages: Python, SQL, Caml, C++, VBA, LaTeX

Languages: French (native), English (fluent, TOEIC 920/999), Spanish (intermediate)

Sports and Associations: Artistic gymnastics (judge and practitioner), Brazilian jiu-jitsu, tennis

Tools: Microsoft Excel, PowerPoint, Word