

Paris, France

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plgstalter.org

github.com/plgstalter

Education

2020–2024 Mines de Paris

Mathematics: probabilities, optimization, statistics, algebra

Computer science : data analysis, object-oriented programming

2021–2022 Università degli Studi di Milano

Erasmus+ exchange, courses in English and Italian

Financial mathematics, heuristic algorithms, combinatorial optimization

2018–2020 Lycée Henri IV

Classes Préparatoires aux Grandes Écoles, highly competitive mathematics and physics courses preparing for France's best engineering schools

Working Experience

02/2022–? Mathematics oral examiner

Lycée Henri IV, Paris

09/2020–? Personal teacher

Mathematics and physics courses, from high-school to undergraduate level

05/2021 Sports shoes vendor

Endurance Shop Strasbourg

2018–2019 Kayaking teacher

ASCPA Strasbourg

Computing Experience

2022 Implementing Dijkstra's algorithm in C++, comparing real time-complexity with theoretical one

2021 Data-analysis project on large datasets about wind turbines, with **Engie Digital**. Done in Python (pandas, matplotlib, sklearn)

- Creation, self-hosting and maintenance of my personal website: plgstalter.org

- Computer repair of both hardware and software

- Member of the students' Computer Club at Mines Paris. Meetings with companies.



Pierre-Louis Gstalter

Second Year student at Mines Paris, among France's top engineering schools. Fond of mathematics and computing, I'm looking for an internship in finance.

Langues

- **French :** native
- **English :** fluent
- **German :** advanced (B2 level)
- **Italian:** advanced (B2 level)

Computing abilities

Programming languages

advanced : Python, C++, bash

bases : javascript, MySQL, PHP, Swift, MATLAB

Text edition

html, CSS, LaTeX, R Markdown

Software

vim, git, GIMP, bash, VS Code, Xcode

Operating systems

Mac OS, Linux

Diplomas

2022 Introduction to Market Microstructure

Institut Louis Bachelier, MOOC on financial markets' microstructure

2018 Cambridge First Assessment

C1 level assessed, 182/190

2017–2018 AMFPC

French kayaking teacher diploma

Sport

Running

~100km per week, 1:17 half-marathon personal best

Kayaking

9 years of practice, competing at national venues and teaching

Hobbies

Cinema

Member of the students' Cinema Club at Mines Paris

Finance

Buying and selling French stocks since April 2020