

GUILLAUME MARTIN

Engineering Student

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EDUCATION

MVA Master

ENS Paris-Saclay

September 2024 – Present Paris, France

- Topics of interest: Natural Language Processing, Deep Learning, Optimization

MS Degree in Data Science & CS

Ecole Polytechnique

August 2021 – Present Palaiseau, France

- Received 3rd at the entrance national exam.
- Personal GPA: 3.97
- Ranked in the top 5%.

Classes préparatoires (B.Sc equivalent) PC/PSI*

Lycée Hoche

September 2019 – July 2021 Versailles, France

- Intensive studies to prepare for competitive entrance exams to best French universities.
- Relevant courses: Mathematics, Physics and Computer Science.

WORK EXPERIENCES

Quantitative Researcher

Squarepoint - NLP team

April 2024 – September 2024 Singapore, Singapore

- Designed and deployed an NLP pipeline extracting structured information from over 1 billion documents for market insights, using filtering methods and a fine-tuned LLM. This led to a successful trading strategy that I elaborated.
- Built an AI based internal recruitment tool structuring resumes with regex/semantic search capabilities that was used by top management and led to the recruitment of key talents.
- Implemented a general purpose information extraction framework that was used by 5+ collaborators for various tasks.

Game Development

Freelance

2021 – 2023

- Co-founded a game development business in addition to my studies, serving over 10,000 global customers.
- Demonstrated proficiency in managing large-scale Java projects and meeting production standards.

Quantum Software Internship

Pasqal

June 2023 – September 2023 Amsterdam, Netherlands

- Implemented the Orthogonal Quantum Tchebychev Transform into Pasqal's codebase, enhancing the expressiveness of Pasqal's Quantum Generative models.
- Established the first cloud endpoints enabling direct calls to quantum algorithms with parameter inputs.

Internship in the military

September 2021 – April 2022 Lorient, France

- Experienced leadership as an officer in the Gendarmerie, a military equivalent of the police.

STRENGTHS

- Hard-working
- Dynamism
- Dedication
- Creativity
- Adaptability
- Communication Skills

LANGUAGES

French ● ● ● ● ●

English ● ● ● ● ●

Spanish ● ● ● ● ●

Chinese ● ● ● ● ●

SKILLS

Java ● ● ● ● ●

Python ● ● ● ● ●

Git ● ● ● ● ●

SQL ● ● ● ● ●

Redis ● ● ● ● ●

Javascript ● ● ● ● ●