

# Paul Guan

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📍 Paris

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Junior engineer with a passion for data and AI (NLP, Machine Learning, Deep Learning), with a solid foundation in software and web development. Curious, proactive and versatile, I enjoy taking on challenges, learning continuously and actively contributing to innovative projects, both as part of a team and independently. My versatility and eagerness to learn are my greatest strengths, enabling me to adapt to any situation.

## PROFESSIONAL EXPERIENCE

02/2025 – 08/2025

Vélizy-Villacoublay,  
France

### Software data engineer, SII

- Design and development of defence software and radar systems incorporating AI in development
- Software development in C++ using the QT framework with the use of AI in development.
- Development and optimisation of specific prompts for LLMs, in particular Github Copilot
- Research study on the effectiveness of using AI in software development
- Technology watch on best practices and innovations in the field of AI and industrial software development

09/2023 – 02/2024

Paris, France

### Full-stack developer, Brainsonic

- Active participation in the development of major projects using Symfony or WordPress, in particular event platforms for high-profile clients such as Le Monde, Vv Assuranc and Société Générale via the Brainsonic agency.
- Design and integration of innovative web functionalities, including full development of dynamic website sections and back-end dashboards (analytics, data management, real-time visualisation).
- Technologies : Web 3.0/HTML/CSS/JS/PHP/PostgreSQL

## MAIN PERSONAL PROJECTS

11/2024 – 12/2024

### Copilo.sh Web, Python

Wrapper functions that can be added to .bashrc or .zshrc files. This is accompanied by a FastAPI local server running an LM on the CPU. it will catch all errors you get in the terminal and call the LM to generate a response that will help you resolve the error.

04/2024 – 05/2024

### NLP - Restaurant Review Classification, Python

Dataset processing: tokenisation using nltk/regex / byte pair encoding, text normalisation (stop words / grammaticalisation / minutiae) / data statistics / training of multiple predictive models (RNN, Bayesian predictive models .....).

## EDUCATION

2022 – 2025

Paris, France

### Engineering degree, EPITA - Paris School of Computer Engineering

- Programming / Algorithms / Projects
- Languages (C/SQL/Java/C++/JavaScript/HTML/CSS/Scala/Python/JS)
- Data engineer/ Machine Learning / Deep Learning / Artificial Intelligence / NLP
- Recommender Systems

2019 – 2022

Paris, France

### Bachelor in Computer Science, Université de Paris Cité

- Programming/Algorithms/Project Management
- Learning programming languages (Python/C/Java/SQL/HTML/CSS)
- Robotic Projects in Java / Cancer Cell Detection Projects in Python

## SKILLS

- C/C++/Java/Python
- NoSQL/SQL/Mongo/ElasticSearch/Neoj4
- HTML/CSS/JS/PHP
- Shell/Maven/Makefile/Docker

## LANGUAGES

**Francais**  
Native

**Anglais**  
TOEIC - C1

**Chinois**  
B2

## QUALITIES

- Versatile
- Team spirit
- Perseverance