Paul Guan

- pguan.pro@gmail.com
- Paris
- in linkedin.com/in/paul-guan



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

 particular event platforms for high-profile clients such as Le Monde, Vyv Assurance and Soc Générale via the Brainsonic agency. Design and integration of innovative web functionalities, including full developmen dynamic website sections and back-end dashboards (analytics, data management, real-tvisualisation). 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 Fass local server running an LM on the CPU. it will catch all errors you get in the terminal and call 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 (02/2025 – 08/2025 Vélizy-Villacoublay,	y-Villacoublay, • Design and development of defence software and radar systems incorporating	
Paris, France Active participation in the development of major projects using Symfony or WordPress particular event platforms for high-profile clients such as Le Monde, Vyv Assurance and Soc Générale via the Brainsonic agency. Design and integration of innovative web functionalities, including full developmen dynamic website sections and back-end dashboards (analytics, data management, real-ty 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 Fast local server running an LM on the CPU. It will catch all errors you get in the terminal and call 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/reges / byte pair encoding, text normalisation (words / grammaticalisation / munutus) / data statistics / training of multiple predictive mo (RNN, Bayesian predictive models). EDUCATION 2022 - 2025 Paris, France Engineering degree, EPITA - Paris School of Computer Engineering 2019 - 2022 Bachelor in Computer Science, Université de Paris Cité Paris, France Programming/Algorithms/Project Management	France	 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 Copile 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 	
11/2024 - 12/2024 Copilo.sh Web, Python Wrapper functions that can be added to .bashrc or .zshrc files. This is accompanied by a Fass 10/2024 - 05/2024 NLP - Restaurant Review Classification, Python Dataset processing: tokenisation using nttk/regex / byte pair encoding, text normalisation (words / grammaticalisation / minutiae) / data statistics / training of multiple predictive models). EDUCATION 2022 - 2025 Paris, France Programming / Algorithms / Projects • Languages (C/SQL/Java/C++/JavaScript/HTML/CSS/Scala/Python/JS) • Data engineering degree, EPITA - Paris School of Computer Engineering • Programming / Algorithms / Projects • Languages (C/SQL/Java/C++/JavaScript/HTML/CSS/Scala/Python/JS) • Data engineering Machine Learning / Deep Learning / Artificial Intelligence / NLP • Recommender Systems 2019 - 2022 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 L		 Active participation in the development of major projects using Symfony or WordPress, in particular event platforms for high-profile clients such as Le Monde, Vyv Assurance 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). 	
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Native TOEIC - C1 B2 QUALITIES	LANGUAGES		
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