## **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**

<ul> <li>particular event platforms for high-profile clients such as Le Monde, Vyv Assurance and Soc Générale via the Brainsonic agency.</li> <li>Design and integration of innovative web functionalities, including full developmen dynamic website sections and back-end dashboards (analytics, data management, real-tvisualisation).</li> <li>Technologies : Web 3.0/HTML/CSS/JS/PHP/PostgreSQL</li> <li>MAIN PERSONAL PROJECTS</li> <li>11/2024 - 12/2024</li> <li>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.</li> <li>04/2024 - 05/2024</li> <li>NLP - Restaurant Review Classification, Python Dataset processing: tokenisation using nltk/regex / byte pair encoding, text normalisation (</li> </ul>	02/2025 – 08/2025 Vélizy-Villacoublay,	y-Villacoublay, • Design and development of defence software and radar systems incorporating	
Paris, France <ul> <li>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.</li> <li>Design and integration of innovative web functionalities, including full developmen dynamic website sections and back-end dashboards (analytics, data management, real-ty visualisation).</li> <li>Technologies : Web 3.0/HTML/CSS/JS/PHP/PostgreSQL</li> </ul> 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	<ul> <li>Software development in C++ using the QT framework with the use of AI in development</li> <li>Development and optimisation of specific prompts for LLMs, in particular Github Copile</li> <li>Research study on the effectiveness of using AI in software development</li> <li>Technology watch on best practices and innovations in the field of AI and industrial</li> </ul>	
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		<ul> <li>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.</li> <li>Design and integration of innovative web functionalities, including full development of dynamic website sections and back-end dashboards (analytics, data management, real-time visualisation).</li> </ul>	
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Dataset processing: tokenisation using nltk/regex / byte pair encoding, text normalisation (         words / grammaticalisation / minutiae) / data statistics / training of multiple predictive models (RNN, Bayesian predictive models).         EDUCATION         2022 - 2025       Engineering degree, EPITA - Paris School of Computer Engineering         Paris, France       • 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       • Recommender Systems         2019 - 2022       Bachelor in Computer Science, Université de Paris Cité         Paris, France       • Programming/Algorithms/Project Management         • Learning programming languages (Python/C/Java/SQL/HTML/CSS)       • Robotic Projects in Java / Cancer Cell Detection Projects in Python         SKILLS       • NoSQL/SQL/Mongo/ElasticSearch/Neoj4       • HTML/CSS/JS/PHP         • Shell/Maven/Makefile/Docker       Engines       Anglais         LANGUAGES       TOEIC - C1       B2         QUALITIES       QUALITIES       Chinois	11/2024 – 12/2024	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	
2022 - 2025       Engineering degree, EPITA - Paris School of Computer Engineering         Paris, France       Programming / Algorithms / Projects         Languages (C/SQL/Java/C++/JavaScript/HTML/CSS/Scala/Python/JS)       Data engineer/ Machine Learning / Deep Learning / Artificial Intelligence / NLP         2019 - 2022       Bachelor in Computer Science, Université de Paris Cité         Paris, France       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         • Shell/Maven/Makefile/Docker         LANGUAGES         Francais       Anglais         Native       TOEIC - C1         B2         QUALITIES	04/2024 – 05/2024	Dataset processing: tokenisation using nltk/regex / byte pair encoding, text normalisation (stop words / grammaticalisation / minutiae) / data statistics / training of multiple predictive models	
Paris, France <ul> <li>Programming / Algorithms / Projects</li> <li>Languages (C/SQL/Java/C++/JavaScript/HTML/CSS/Scala/Python/JS)</li> <li>Data engineer/ Machine Learning / Deep Learning / Artificial Intelligence / NLP</li> <li>Recommender Systems</li> </ul> 2019 - 2022         Bachelor in Computer Science, Université de Paris Cité           Paris, France         Programming/Algorithms/Project Management           Learning programming languages (Python/C/Java/SQL/HTML/CSS)             Robotic Projects in Java / Cancer Cell Detection Projects in Python             SKILLS <ul> <li>C/C++/Java/Python</li> <li>NoSQL/SQL/Mongo/ElasticSearch/Neoj4</li> <li>HTML/CSS/JS/PHP</li> </ul> Shell/Maven/Makefile/Docker           LANGUAGES           Francais         Anglais           Native         TOEIC - C1           B2           QUALITIES	EDUCATION		
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Francais NativeAnglais TOEIC - C1Chinois B2QUALITIES	· · · ·		Search/Neoj4 • HTML/CSS/JS/PHP
Native     TOEIC - C1     B2       QUALITIES	LANGUAGES		
Versatile     • Team spirit     • Perseverance	QUALITIES		
	Versatile	• Team spirit	Perseverance