**Olivia Xueyun WENG**

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**SUMMARY**

As a last year master student majoring and passionate about Machine Learning and Big Data, I am currently looking for

**job opportunities in Machine Learning/Data Sciences/Data Infrastructure starting in September 2025**

in **Europe, Asia and North America**

**WORK EXPERIENCE**

**BPCE - IT (2nd ranked French Banking Company) Paris, FRANCE**

*Data Engineer September 2024 - August 2025*

* Implemented a fully operational data monitoring platform using VictoriaMetrics and Grafana on a production cluster running over 16M+ jobs and saved servers resources by 8%.
* Built a business intelligent dashboard with Apache Superset for Data Scientist and Data Analyst using the cluster.
* Launched a Machine Learning model, aimed to reduce the log error ticket by 10%.
* Answered and understood different objects within Data Infrastructure and Cluster configurations, working with cases, leads, providers, and opportunities to analyze services metrics.

**RTE (1st ranked French high voltage electricity provider) La Défense, FRANCE**

*Data Scientist April 2024 - August 2024*

* Simulated and planned the budget allocated to the power system asset management, to help optimize annual cost.
* Analyzed and modelized data to compute the density function of materials, in order to define the actions plan.
* Collected and processed data from the Data Lake.

**Stellantis N.V. (merged of FCA and PSA Group) Poissy, FRANCE**

*Production Operator Intern June 2022 – July 2022*

* Interviewed workers about their feelings and opinions on their work conditions and summarized it into a video of 10min.
* Worked with senior workers in assembly-line in the car manufacturing mainly on electricity cables.

**PERSONAL PROJECTS & CERTIFICATIONS**

**Rest API for task management**

*API, database, web development 2024*

* Build a Rest API to make a webpage to access a local database with Flask to create and manage the user’s to-do list.
* Wrote the scripts in HTML, CSS and JavaScript

**Weather data analysis**

*Data analysis, BI dashboarding, SQL 2024*

* Analyzed weather data using Pandas and wrote queries to filter relevant information.
* Automated a visualization dashboard using Power BI

**IL ME FAUT UN GRAND PROJET EN MACHINE LEARNING ICI**

*Online class 2024*

* Discovering the Cloud with Amazon Web Services

**Google**

*Online class 2024*

* Data Analysis with R programming

**EDUCATION**

**IMT Atlantique (merged of Telecom Bretagne & Mines de Nantes) Brest, FRANCE**

*French Engineering School, Master’s degree in Machine Learning and Big Data (GPA: 3.75) 2022- 2025*

**Chalmers University of Technology Göteborg, SWEDEN**

*Abroad Exchange program: Machine Learning advanced courses and Applied Signal Processing 2023 – 2024*

**Lycée Saint-Louis (Classes préparatoires aux grandes Ecoles) Paris, FRANCE**

*Intensives courses in Mathematics, Physics and Sciences preparing a nationwide competitive examination 2020 - 2022*

**SKILLS & INTERESTS**

**Skills:** Python | Machine Learning framework (Tensorflow, Pytorch) | Cluster services (K8S, Docker, Prometheus, Grafana) | SQL, PostgreSQL | DevOps (Git, Bitbucket, Artifactory)

**Languages:** French (mother tongue), Mandarin (mother tongue), English (C1), German (B1), Spanish (A2)

**Interests:** Hiking, badminton, speaking about education, pastries & breads