



Jijun Tang

Data Engineer, Python developer

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- Jijun TANG
- Jijun TANG
- LeetCode: Jijun TANG

Technical skills

Programming languages :

- Python • C++ • Java
- TypeScript • Scala • MySQL

Big Data :

- Hadoop • Spark • Kafka

Databases :

- MongoDB • Neo4j • Elasticsearch

Cloud :

- GCP • AWS • Azure

development tools :

- Git • Linux • Kanban

Machine Learning and Data visualization :

- Sklearn • Pytorch • Tensorflow
- Power BI • Tableau • Plotly

parallel programming :

- Cuda • mpi4py

Languages

- French (C1) • English (C1) • Chinese (Native)

Personal interests

- Escalation, once per week
- Basketball, once per week
- Badminton, once per week

PROFESSIONAL EXPERIENCE

Full Stack Developer

May.2022 - present

FactSet | Paris, Île de France

- Design and implement a data platform architecture providing access to large datasets, data ingestion pipelines in **Python** with **FastAPI** and **Vue.js**.
- Explore and evaluate new database technologies to build a scalable, cloud-oriented data platform.
- Make large and complex data more accessible, understandable, and usable by implementing advanced APIs for storage and querying.
- Collaborate with engineering, cloud infrastructure and security teams to better understand their requirements and develop a highly scalable system.
- Contribute to the improvement of development processes as a member of the Agile development team.

Data Scientist

Apr.2021 - Oct.2021

Axens | Rueil-Malmaison, Île de France

Developments of machine learning projects applied to energy sector :

- Analyze and modelize some physico-chemical phenomenons
- Extract, clean and visualize the data and then create and optimize machine learning & deep learning algorithms in **Python**
- Exchange with experts and clients
- Deployment of algorithms via **Flask** under **Azure Linux** environment

Tutor

Jul.2018 - Sep.2018

Educase | Shenzhen, China

Personal courses : Introduction to Programming in C for Bio-Medical students at UC Berkeley

EDUCATION

Mathematical Engineering For Enterprises

Sep.2020 - Dec.2021

Master 2 - Sorbonne University

Discipline : Numerical analysis, scientific calculation, probability and statistics

University projects :

Object-oriented programming in C++: Graph coloring, Fast tridiagonal solvers on the GPU, Parallel programming in Python: lifegame simulation, Data analysis in R, Machine learning, Time series analysis, Databases with SQL Server

Mathematics and applications

Sep.2019 - Juin.2020

Master 1 - Sorbonne University

Mathematics and computer science

Sep.2016 - Juin.2019

Bachelor of mathematics - Sorbonne University

CERTIFICATIONS

Data Structures and Algorithms

Mar. 2022

UC SanDiego

Deep Learning Specialization

Mar. 2022

DeepLearning.AI

Machine Learning

July 2021

Stanford University

Deep Learning Professional Certificate

Aug. 2020

IBM