





JIM CHEN

Senior Backend Engineer

Profile

As a backend engineer at SenaoNetwork with experience in web development and AWS cloud service. Have rich experience in code development, version control, backend architecture design, and AWS cloud deployment. Solve the problem of high concurrency request and have relevant code/cloud service architecture optimization experience

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 [linkedin.com](https://www.linkedin.com)

 github.com

Education

Masters of Statistics

National Central University

2018 - 2020

Bachelor of Mathematics

National Central University

2014 - 2018

Expertise

Flask/Fastapi

MongoDB/Redis/ElasticSearch

Kafka

DOCKER/KUBERNETES

AWS

SYSTEM DESIGN

DEGUG/PROFILLING/OPTIMIZE

Work Experience

2023

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NOW

Senao Networks

Senior Backend Engineer

- Use Flask/Fastapi to build web service.
- Solve high concurrency request issue through caching, multi-process, multi-thread and coroutine
- Design CI/CD Pipeline to solve dependency issues during microservice deployment.
- Optimize AWS cloud architecture to save cost
- Collaborate with more than ten colleagues to develop codebase. Familiar with git version control and gitlab flow

2021

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2023

Advantech

AI Algorithm Engineer

- Developed feature extraction algorithm to process high-frequency data into meaningful physical features
- Build AutoEncoder neural network for anomaly detection
- Release anomaly detection service by docker image and deploy service on local server or cloud k8s cluster

2020

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2021

Unimicron

Data Analyst

- Data Preprocessing and training model by auto machine learning framework
- Deliver Well-training model into production line to enhance PCB quality

References

Language

Python

Len Chen

Senao / Manager

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Ellie Liu

Senao / Colleague

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