




# 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

 0934268335

 jim850212@gmail.com

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

 [github.com](https://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

-

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

-

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

-

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

Email : len.chen@senao.com

**Ellie Liu**

Senao / Colleague

Email : ellie.liu@senao.com