

# Yihong (yihong0618)

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## About Me

- Microsoft MVP, Apache OpenDAL committer, Open Source Enthusiast (GitHub 6k followers, 3w stars)
- GreptimeDB Community Evangelist
- Multiple 1k Stars repo owner / Core Developer of multiple projects (stravalib, autocut, DB-GPT, Dify, OpenDAL...)
- 6 years of Python development experience, Full Stack Engineer; Experienced in Backend Development and CI/CD
- Passionate about Open Source and maintaining multiple projects;
- Proficient in Data Visualization and AIGC Development, author of xiaogpt
- Participated in multiple Open Source events and has experience as a lecturer

## Work Experience

### LLM Project Lead

2024.11 - Present

*Xenera*

- Responsible for technical selection, development, and POC for the company's LLM project

### Database Development Engineer(Greenplum)

2022.3 - 2024.11

*VMware*

- Maintained and developed multiple extensions for Greenplum
- Introduced pgvector to Greenplum
- Refactored multiple CI/CD pipelines for gpdb extensions to make them easier to maintain
- Assisted in integrating pgrx and pgml with gpdb
- Developed multiple poc projects combining ChatGPT and gpdb

### Network Automation Engineer

2019.10 - 2022.3

*Cisco*

- Developed multiple network automation tools using Python
- Utilized Python Django to create maintenance tools for network operators
- Introduced AI for network automation diagnostics

### Software Developer / Trainer(teacher)

2018.9 - 2019.10

*Neusoft Education Technology Group*

- Responsible for developing educational software (project training, project practice)
- Responsible for Python training both on and off campus

### Data Analyst / Game Operation

2015.4 - 2018.4

*Kingsoft(seasun)*

- Responsible for data design, tracking, and analysis of "Xiaomi Gunfight"
- Responsible for data analysis and report writing for "MAT"
- Conducted competitor and market research, summarized research reports, analyzed the market, and guided the development of multiple projects
- Responsible for the establishment, development, and pre-research of the Seasun Dalian VR Lab

## Technical Stack

Python

Rust

Go

DevOps

React

Open-source

AIGC

Marketing Operations

Data Analysis

Data Visualization

## Open Source Projects

- **running\_page**
  - Make your own running home page
- **bilingual\_book\_maker**
  - Make bilingual epub books Using AI translate
- **xiaogpt**
  - Play ChatGPT and other LLM with Xiaomi AI Speaker
- **Kindle\_download\_helper**
  - Download all your kindle books script.
- **GitHubPoster**
  - Make everything a GitHub svg poster and Skyline!
- **gitblog**
  - My personal blog using issues and GitHub Actions
- **epubhv**
  - Make your epub books vertical or horizontal.
- **vscode-gcores**
  - Play Gcores in VS Code
- **github-readme-stats**
  - generate my\_github status using GitHub Actions
- **GreptimeDB**
- **Dify**

## Education

### Shenyang University of Technology

2012 - 2015

Master of Engineering, Mechanical Engineering

### Liaoning University of Technology

2008 - 2012

Bachelor of Engineering, Mechanical Electronic Engineering