

Liangwen Deng

Senior Python Engineer

Chengdu, Sichuan, China

+8613880337161

dlwxxdlw@gmail.com

<https://jackwenyoung.com/>

Remote job wanted

10 years experience

Skills

Python

Expert

FastAPI, Blacksheep, Pytest, Django, Scrapy, Firecrawl

Nodejs

Familiar

Sequelize, Passport, Async

Devops

Familiar

Github Actions, pre-commit, Prometheus, Grafana

Cloud Service

Familiar

AWS, Serverless, K8S, Terraform

Interests

Linux

Familiar with NixOS

Neovim

Lazyvim distribution

Web Security

Bug Bounty

Obsidian

As my second brain

AI

Deepseek, Python-related-framework

Certifications

Big Data

Coursera

August 10, 2022

Introduction to Big Data

Machine Learning With Big Data

Big Data Integration and Processing

Big Data - Capstone Project

Big Data Modeling and Management Systems

Graph Analytics for Big Data

Complete Beginner

Tryhackme

July 10, 2022

Mastered basic web security knowledge

Languages

English

Fluent

Mandarian

Native

Profiles

[JackTheMico](#)

Summary

- I'm a senior Python engineer, I'm good at Python and Nodejs backend, devops and web data crawling.
- I have strong self-learning ability and can quickly master new skills and programming languages, as well as quickly learn to use various software and tools.
- Good communication skills, can clearly express myself point; Strong sense of responsibility, have a reasonable plan for my tasks, so that it can be completed on time and ensure the quality.
- I have good self-management ability, understand the Agile Development. I have a comprehensive understanding of open source technology and common open source services and tools

Experience

FireworkHQ

2021.2-2025.2

Backend and Data Engineer

Chengdu

<https://fireworktv.com/>

- I worked as a backend(with both Python and Nodejs) and data engineer in data team, I also help with some automate testing tasks and devops jobs to contribute to the team.
- I designed, developed and maintained the first version of the Instagram-Importer service. It's a AWS Lambda service deployed with serverless framework which help our customer to import their videos to Firework platform from Instagram.
- I took part in the infrausture development and maintain of data team, along with the devops team. Such as Airbyte(with a custom connector), Airflow, Prometheus and AWS nodejs lambdas etc.
- I designed, developed and maintained a few web scraping lambda services based on serverless framework. Helped Chinese team with some video processing tasks. Often offered many web scraping advise to colleagues.

Si-Tech

2019.5-2021.2

Python Backend

Chengdu

<https://www.si-tech.com.cn/pub-page/index.html>

- Responsible for the design, development and maintenance of the internal operation and maintenance monitoring platform of the department, involving related technologies such as Python, Django, MySQL, SaltStack, etc.
- Responsible for the deployment and data visualization of the department's ELK environment, including the writing and testing of Logstash parsing rules, and the completion of Kibana data visualization.
- Responsible for the object-oriented reconstruction and development of the operation and maintenance script of the department, as well as the development of the operation and maintenance tools, such as the development of the automatic deploy tool, the development of the automatic dialling and testing tool, and the development of the tool which send statistical ES data by email.

Business Big Data(BBD)

2017.5-2019.5

Crawler and Backend Engineer

Chengdu

<http://www.bbdservice.com>

- Investigate and develop crawlers according to requirements, cooperate with test colleagues to complete relevant tests and complete data collection of requirements.
- Based on Tornado, an asynchronous backend framework based on Python3, I have completed the reconstruction and development of the proxy service, carried out continuous maintenance and optimization, and dockernized it.
- Participate in the development and maintenance of Django back-end services for the crawler framework.
- Maintain the reconstructed deep web crawler framework and several related crawlers within the department.
- Have a certain understanding and experience of Docker and K8S related technologies.

Education

North China Electric Power University Science and Technology College

2010-2014

Full-time

Baoding, Hebei, China

Bachelor's degree