

# Chang Yi, David

Python Web Back-end Engineer but want to try something new, Email: black.heptagram@gmail.com, Github: github.com/j129008

## Education

- National Chengchi University, Master of Computer Science (2015-09 ~ 2018-08)
- National Chiao Tung University, Bachelor of Computer Science (2009-09 ~ 2013-07)

## Summary

- Optimized the performance of koolive live streaming, enabling it to handle FoodPanda live streaming activities (QPS 1000+, MySQL, Django, Redis, GraphQL, K8S)
- Verified and corrected the salary calculation of TrueLove streaming (Pandas, MySql)
- OVO tv box AI program recommendation system (Keras, Pandas, MariaDB)

## Experience

### Koodata, Back-end Engineer (2021-07 ~ now)

Official Website: <https://koodata.com>  
Debugged and optimized the performance of koolive live streaming (2021-07 ~ 2023-10)  
Lead developer of koo-social advertising data reporting (2022-10 ~2023-11)  
General work responsibilities

### TrueLove, Back-end Engineer (2020-03 ~ 2020-09)

(Official Website has been removed) News link: <https://www.setn.com/News.aspx?NewsID=598646>  
Developed, tested, optimized, and verified the data of TrueLove live streaming (2020-03 ~ 2020-09)

### Ovomedia, Software Engineer (2019-03 ~ 2020-03)

Website: <https://www.ovotv.com>  
Lead developer of the AI tv box program recommendation system (2019-03 ~ 2019-06)  
Tv box website development (2019-06 ~ 2020-03)

- Remotely collaborated with front-end engineers to update the member center (PHP Phalcon, Memcache, Jenkins)

### NCCU/NCTU, Student (2009-09 ~ 2018-08)

EDA related courses

- Network Programming, final project: implement UDP based file transfer tool using C
- Digital Logic Design, final project: implement Tetris using Verilog
- Computer Organization, final project: implement a L1/L2 cache simulator using C++

## Skills

### Programming

- Python
- Verilog
- C/C++
- Shell Script

### Web Back-end

- Flask
- Django

### Data Science

- Pandas
- Selenium

### DevOps

- K8S
- Cloud Run