

# FENGLYU LIN

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## 🎓 EDUCATION

**Wuhan University, China**

September 2017 - June 2021

*Bachelor's Degree in Engineering, Information Security*

GPA: 3.68/4.0; Academic rank 29/103; Overall rank 5/103

## 👥 WORK EXPERIENCE

**Shopee Singapore**

August 2021 - now

*Full Time* Software Engineer

I work in Order Team(Core development team in Shopee). I developed and maintained this system as the Fee Module's PIC(Person In Control) and Seller Wallet at work. I practised what I learned and contributed to Shopee's Revenue.

**Tech Stack:** Go, Python, MySQL, RPC, Cron Job, Redis, kafka and docker etc

### 1. Fee Module (Core part of Shopee's revenue)

- It contains transaction, commission, service, and campaign fees for each order.(The system can load over 10k QPS, and last year and handled more than 4.9 billion orders in total.);
- Manage the entire life cycle of fee rules, and manage the relationship between rules and shops;
- Monitor the status of each order, judge the status of order and provide APIs for external services.
- It consists of three major repositories and around 8 cron jobs.

### 2. Br Sub-acquirer (A regulation service)

- This service will detect which seller had used our specified payment method in Brazil market(There were 0.3 billion orders last year);
- Then it will maintain a list of orders which created under valid seller and send to other service.

## ⚙️ KNOWLEDGE & SKILLS

- Core knowledge/Course: Computer Networks, Data Structures and Algorithms, Operating Systems.
- Familiar Program languages: Go, Python, Java and C (I have written over 50k lines of code).
- Leetcode: I have passed over 200 questions.
- Advanced Knowledge: Information Security; Software Security; Reinforcement Learning; Deep Learning; MIT 6.824 Distributed Systems.

## ACHIEVEMENTS & HONORS

(top 10%) Outstanding Graduate, Wuhan University	May 2021
(top 5%) Excellence Scholarship First Prize, School of Cyber Science And Engineering	June 2021
(top 15%) Second Class Scholarship, Wuhan University	3 times 2018 - 2020
(top 20%) National Endeavor Scholarship, China	3 times 2018 - 2020
Third Prize of Works Competition, National College Student Information Security Contest	August 2020

## 📄 OTHERS

- Blog: <https://colalinn.github.io/>
- Chinese: Native
- English: Professional working proficiency (IELTS 6.0)