Feiyang (Maki) XIE

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SKILLS & PERSONAL PROJECTS

- Programming Language:
    - *Golang*, this one I use the most, in ByteDance, and in my Raft project;
    - *Python*, I use python to practice leetcode and for AI-modeling homeworks at school;
    - *Kotlin/Java* server side, used for some business systems in Airwallex/Alibaba;
- Concurrency/Parallelism:
    - *Distributed Systems*: Arranger of Workflow(Temporal/Steps), Messaging (Kafka), Cache(Redis), DB (MongoDB/MySQL/PostgreSQL), DevOps (Kubernetes/Helm) ;
    - *Multi-thread Programming*: used patterns of concurrency a lot in my personal project of making Raft;
- Others: Github/Gitlab, Vim/Cursor, ArgoCD/Prometheus/Grafana, rpc(gRPC/thrift)

EDUCATION

Ohio State Universtiy   *Current Accumulated GPA: 4.0/4.0*

Master of Computer Science and Engineering

- *Completed: Distributed System, Operation System, Computer Architecture, Programming Languages, Algorithms and Datastructures, Advanced Algorithms, Machine Learning, Natural Language Processing;*
- *Upcoming: Advanced Computer Architecture (GPU), Parallel Computing, Network, Advanced Databases, Compiler, Computer Vision, etc;*

Sun Yat-sen University   *GPA: 88/100*

Bacholer of Economics

FULL-TIME WORK EXPERIENCE

Airwallex   **Shanghai, China**

Staff Backend Software Engineer   *Mar.2024 – July.2024*
Senior Backend Software Engineer   *Apr.2022 – Feb.2024*

Responsible for workflow/durable functions (Temporal/Cadence) related projects in Airwallex

- Develop, review and maintain Temporal-based Applications;
- Self-hosting OpenSourcing Temporal in the CN-AliCloud datacenter within Airwallex on top of Airwallex infrastructure;
- Design and developed Kotlin-Kafka-SDK for our data migration project between datacenters;

ByteDance   **Shanghai, China**

Senior Backend Software Engineer   *Apr.2020 – Nov.2021*

- Workflow Engine: built a configuration-based workflow engine leveraging the DSL defined by Amazon Steps for the department;
- Led a team of 8 to design and create an *e-commerce platform* from scratch with the order, commodity, finance and promotion subsystems to support the selling of online classes.

Eleme (Alibaba Group)   **Shanghai, China**

Software Engineer level-3/2   *May.2017 – Dec.2019*

- Responsible for business systems of marketing and promotion