

# Feiyang (Maki) XIE

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Preferred name: Maki; Pronouns: she/her

## SKILLS

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- **Programming Language:**
  - **Golang**, this one I use the most, in ByteDance, and in my Raft project; at present, it is the language I hope to become an expert at, so I am reading in depth with release notes/libs/goblogs;
  - **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**: Workflow/Orchestration(Temporal/Steps), Messaging/Streaming (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](#);
- **Designs**: microservice architecture, system designs, testing designs for complex systems;
- **Tools**: rpc(gRPC/thrift), Github/Gitlab, Vim/Cursor, ArgoCD/Prometheus/Grafana;
- **Management/Leadership/Adaptivity:**
  - team leader and project owner at ByteDance — good at balancing limited resources to push projects forward effectively;
  - project owner at Airwallex/ByteDance — good at managing the project at different levels (roadmapping/jira/scrumb sprints); figuring out problems/requirements/solutions when things are ambiguous;
  - Have experience in very dynamic teams and early start-ups where we navigate through fast market/policy changes;

## EDUCATION

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**Ohio State University** (to graduate in Dec2025)

**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**

Bachelor of Economics

## FULL-TIME WORK EXPERIENCE (8+ years)

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**Airwallex**

**Shanghai, China**

*Staff Backend Software Engineer*

*Mar.2024 – July.2024*

*Senior Backend Software Engineer*

*Apr.2022 – Feb.2024*

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

*Related Skills: Kafka/Temporal/Postgres, Golang/Kotlin, Kubernetes/Helm Chart on GCP with IaC, Testing Skills*

**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.

*Related Skills: typical workflow platform, mongoDB/sharded-mysql-cluster, e-commerce micro-service platforms, Golang, ByteDanceCloud*

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

Software Engineer level-3/2

*May.2017 – Dec.2019*

- Responsible for the marketing and promotion systems of the e-commerce platform

*Related Skills: e-commerce micro-service platforms, sharded-mysql-cluster, python/java*

**Early Experience****Shanghai, China 2015-June**

Start-up Group

- doing different things to adapt the needs of the company, clients, market as writing data scripts, small websites, etc