



ZILIANG LIN

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Capable of working in Hong Kong without requiring visa sponsorship.

TECHNICAL SKILLS

Language	Golang, Rust, Python
DevOps	Docker, Kubernetes, Gitlab CI, Prometheus
Middleware	Redis, Kafka, MongoDB, Postgres
Misc	OpenAPI, gRPC, TDD, PyTorch
Technical Writing	See this(Paxos 101) and this(Math-related)

WORK EXPERIENCES

Software Engineer II (ZP2)

Apr. 2022 - Present

Zoom

Hybrid, China

- Led development of a monitoring agent in golang now installed on all Zoom's machines and the migration from Zabbix to it.
- Led a team of 5 to ship a continuous profiling platform used by 10+ teams, including work breakdown, communication of progress and risk mitigation.
- Reduced daily support by 60% by stepping up to add configuration hot reload and semantic check.
- Led investigation into 3 lingering agent bugs and fixed them documented in report.

Software Engineer I

Apr. 2021 - Apr. 2022

NetEase Games

On-site, China

- Designed and developed the platform for operation workflow management in Python.
- Refactored and improved backend API performance by > 50% via profiling and opentelemetry.
- Adding versioned and parameterized scripts execution for server operations, used by 10+ teams.
- Improved code maintenance by adding more integration tests via testcontainers and enhancing the Gitlab CI/CD pipeline.

Machine Learning Internship

May 2020 - Aug. 2020

American Family Insurance

Remote, United States

- Improved efficiency by 100% to evaluate customers' eligibilities for insurances by rebuilding the model using Pyro.
- Designed and implemented Transformer-Based models to assist the evaluation process using PyTorch.
- Exposed the API service via FastAPI inside docker containers.

EDUCATION

University of Rochester

M.S. in Computer Science

Aug. 2019 - Dec. 2020

Rochester NY, United States

Sun Yat-sen University

B.S. in Information and Computer Science

Sep. 2015 - July 2019

Guangzhou, China