Yuan Tingzhou
Software Development Engineer

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Willing to Relocate
Linkedin Profile

EXPERIENCE

Backend Intern   **Jan 2021 — Mar 2021**
Tencent Keen Security Lab   Shanghai, China

- Backend development of an online auditing system for operating systems of embedded devices, and SDK development.
- Independent work on Python SDK for abstract usage of the online decompiler BinaryAI's GraphQL endpoints; Created production ready documentations; Improved backend file storage structures.

Fullstack Intern   **June 2021 — Aug 2021**
Bytedance   Beijing, China

- Built bot framework and applications for to-B SAAS delivery team for workflow automation, ticket tracking and sensitive resource approval.
- Operated CoreDNS to support system refactoring.
- Supported SRE work, aggregated data from monitoring systems to reduce VM resource redundancies.

PROJECTS

Core developer & Principal, DUTBIT studio   **Oct 2018 — Jun 2021**
- Management System for university assosiations, established regular use within the department, made use of message queues and multi-layer caching to achieve optimal performance with limited resources.
- Experience with Aliyun (Alibaba Cloud) services, set up devops pipeline with github actions.
- Built key infrastructure services: object store, captcha, SSO, etc.
- Acted as mentor for freshman.

Core developer & Project Cordinator, Personal/Course Projects   **Sep 2020 — Jun 2021**
- EmuEnglish, a website that utilizes OCR and built-in dictionaries to assist students in learning English.
- CMM Compiler, an elementary compiler and VM runtime that takes C-like syntax code and executes in the built-in VM. Works more like Python. Worked on PCode interpretor and syntax analyzer (LL1)

EDUCATION

Computer Science
- Bachelor of Science, Dalian University of Technology, GPA: 3.4/4.0   Sep 2018 — Jun 2022
- Exchange Student, Technical University of Denmark   Sep 2021 — Jan 2022

Project Management
- Minor, Dalian University of Technology   Sep 2018 — Jun 2022

Others
- Summer School, University College London   Jul 2019 — Aug 2019
- Coursera.org Algorithms; Sequence models, Structuring machine learning projects   2020 — 2021
- MIT Distributed Systems 6.824   2021

TECHNICAL SKILLS

Communication	IELTS 7.5, GRE 333+5.0; Experience with Bilingual Working Environment (Mandarin Chinese & English)
Programming	Python, Golang, JavaScript
Software Components	MySQL, Redis, Kubernetes, Influxdb, Grafana

AWARDS & HONORS

2019	National English Competition for College Students (**1st Prize**); IET Present Around the World (**2nd Place**);
2020	DLUT AI Contest Cloud Shape Recognition (**2nd Prize**); Chinese Undergraduate Computer Design Contest (**2nd Prize**);