Xpectuer

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EDUCATION

Zhengjiang University of Technology   Sep 2018 - Jul 2022

Software Engineering Bachelor Institute of Computer Science and Technology   Hangzhou

GPA 3.40/5.00

Professional Curriculum: Principles of Compilers, Design and Analysis and Design of Algorithm, Architecture and Organization of Computer, Operating System, Discrete Mathematics, Software Architecture and Quality and etc.

PROFESSIONAL EXPERIENCE

Ningbo Dingqi IoT Technology Ltd.   Jul 2019 - Aug 2019

intern android engineer mobile development   Ningbo

Details: Developed and improved a Bluetooth based APP adapting to a Ricon hand-printer.

PROJECT EXPERIENCE

Java Virtual Machine implemented by Golang   Jan 2021

Brief Intro: A Java Virtual Machine implemented by Go Language, including class file parsing and interpreting bytecode for now.

- class parsing module: parsing the class file under Java 1.8
- bytecode **Instruction Set** and **Interpreter**
- implementing Runtime Data Area, including stack and thread

Vue+Golang Micro Service   Dec 2020 - Jan 2021

Brief Intro: A Micro-service Project based on Gorrila Webkit, including backend service(file service, authorization service, realtime exchange rate service and etc.)

- **Realtime Exchange Rate** Service based on gRPC.
- **A Messege Broker** based on Bidirectional Streaming
- Object Validation middleware
- Deployed by **Docker-compose** and Docker-swarm

Statistic Platform of Epidemic NCOV-2019   May 2020 - Jun 2021

fullstack

Brief Intro: An Epidemic Statistic Platform based on Spring

Functionalities: Top10 Number of Infections, Daily Grown Number, Total Infection Number, and etc.

- Designed the structure of **Database-Cache Architecture**.
- **Distributed Scraper** with high availability to fetch data.
- **Order Statistic Algorithm** applied to Top 10 Rank
- Deployed by **Docker**
- Visualization of the data.
- LoadBalance with **Nginx**

SKILLS LIST

Program Language: Golang, Python, Java and etc.

Backend Framework: Spring, SpringBoot, and etc.

Tools: Git, Docker, LaTex, Vim, Lex, Redis and etc.

others:

- Net Programming based on Linux. I am capable to implementing Net Programming Library.
- Popular Data Structure and Algorithm. I master common algorithm analysis method.
- Familiar with Linux memory managment subsystem.
- Familiar with assembly language like x86 and MIPS.

HONORS & AWARDS

CISCN 2021 CTF Offline Contest Qualification   2021-6

Scholarship of Year 2020   2020.10

MISCs

- **Skills:** premiere pro,lightroom,photoshop
- **Certifications:** IELTS 6.0 CET-4 CET-6
- **Languages:** English(CFB2 Level:B2)
- **Interests:** Table Tennis, CTF, Swimming
- **Activities:** Principle of CTF Department , EC Campus Club