

# CHEN ZHI

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## Education

### Singapore Management University

*Doctor of Philosophy in Computer Science, School of Computing and Information Systems*

*Research Area: Software Engineering*

**Aug. 2023 – NOW**

*Singapore*

### Singapore Management University

*Master of Science in Computing, School of Computing and Information Systems*

*GPA: 3.80/4*

**Aug. 2021 – Jul. 2022**

*Singapore*

### Hefei University of Technology

*Bachelor of Engineering in Software Engineering, School of Software*

*Grade: 85.07/100 Ranking: 28/144*

**Sep. 2016 – Jul. 2020**

*Anhui, China*

### National Yunlin University of Science & Technology

*Exchange Student, Department of Computer Science and Information Engineering*

*GPA: 3.68/4*

**Feb. 2018 – Jun. 2018**

*Taiwan*

## Awards

**SMU Research Scholarship** - Singapore Management University

**Aug. 2023**

**Merit Award** - Singapore Management University

**Dec. 2021**

**Golden Prize in Fifth Internet Innovation Competition** - Hefei University of Technology

**Aug. 2018**

**Second-Class Merit-Based Scholarship** - Hefei University of Technology

**Sep. 2017**

## Professional Experience

### Sea Limited

*Backend Software Engineer - Sea Labs*

**Aug. 2022 – Present**

*Singapore*

- Develop an internal survey product - “Loop” from 0 to 1, take responsibility for the system design and server-side development, set up the environment and CI/CD pipeline and database
- Using Golang, Echo framework to build server-side functions, includes User Authentication Service/ Survey Configuration and Version Control Service/ Notification Service/ Cron Service, etc.
- Congregate and visualize survey answers, including quarterly and 30 days rolling average data, speed up calculation with goroutine, implement survey responses search function, relieve the burden of server by using redis as cache.
- Deploy applications with Docker and Kubernetes.

### Shanghai Baosight Software Co., Ltd.

*Backend Software Engineer - Cloud Application Department*

**Aug. 2020 – Jul. 2021**

*Shanghai, China*

- Participated in the server-side development for Blockchain Based Supply Chain Finance System.
- Develop RESTful APIs to manipulate logistics data, tokenize warehouse receipt in blockchain, provide asynchronous blockchain function invoke result notify function, and generate blockchain certification.
- Deploy and operate smart contract in Ethereum compatible blockchain.

### Lenovo Group, LCFC (Hefei) Electronics Technology Co., Ltd.

*Software Engineer Intern - Research and Development Department*

**Oct. 2019 – Feb. 2020**

*Hefei, China*

- Participated in project - “Model Based Inspection System”
- Develop server-side APIs and use layUI to build frontend pages to manage the the appearance specifications datasets of various ThinkPad models.
- Reconstruct system APIs from .Net client software to Java web application.

## Technical Skills

**Languages:** Java( Oracle Certified Foundations Associate, Java), Golang, Python, Solidity, JavaScript, C#

**Backend:** SpringBoot, Django, Mybatis, Redis, RabbitMQ, Quartz, Echo, Gorm

**Frontend:** Vue.js, HTML/CSS

**Database:** MySQL, SQLServer

**Quality Assurance:** JUnit, JMeter

**Server:** Linux, Windows

**Blockchain:** Ethereum, CITA

**Other Tools:** GitLab, SVN, Swagger, Selenium, Docker, Jira

1. **Promise and Peril of Collaborative Code Generation Models: Balancing Effectiveness and Memorization**

Zhi Chen, Lingxiao Jiang

The 39th IEEE/ACM International Conference on Automated Software Engineering (ASE 2024)  
(13 pages, Research Track.) Sacramento, California, USA. October 27 - November 1, 2024.