

# Zhimin Wang

+1 (346) 285 5236    t.wangzhimin@gmail.com  
5600 SMU Blvd. Dallas TX 75206  
https://www.zhiminwang.com

## EDUCATION

### Southern Methodist University

Master of Science in Computer Science (GPA: 3.9/4.0)

Aug 2022 - May 2024

Dallas, Texas

- Relevant Courses: Operating Systems, File Organization and Database Management, Computer Architecture, Service-oriented Computing, Software Architecture and Design, Computer Network, Computer Security, etc.

### Fujian University Of Technology

Bachelor of Engineering in Electronic Information Engineering

Sep 2014 - Jun 2018

Fuzhou, China

## SKILLS

- **Programming Languages:** Java, TypeScript, C++, HTML, CSS, Python, SQL, Scala, bash shell scripting.
- **Frameworks and Software Stacks:** SpringBoot, Play, Hibernate, Node.js, React.js, Next.js, Tailwind.css, Hasura.
- **Databases and Storage Systems:** MySQL, PostgreSQL, NoSQL(Redis, MongoDB, etc.), FastDFS.
- **DevOps and Other Skills:** Jenkins, CircleCI, Git, Nginx, Docker, AWS, GraphQL, Restful API, New Relic, Kafka, TDD, Design Patterns.

## PROFESSIONAL EXPERIENCE

### Veryable Inc.

May 2023 - Dec 2023

Software Engineer Intern

Dallas

- Played a pivotal role in the development of a WFM product, encompassing responsibilities such as drafting system design documents, executing database design, coding, and conducting unit tests. Utilized technologies including Node.js, TypeScript, Hasura, GraphQL, Docker, K8s, and more.
  - Designed and implemented the "Employee Clock in-outs" feature, seamlessly integrating systems such as ExponentHr and Square.
  - Enhanced the performance of Hasura events by integrating AWS SQS and SNS, effectively addressing the bottleneck issue.
  - Optimized log management and alerting mechanisms by harnessing the capabilities of the New Relic platform.

### Southern Methodist University

Dec 2023 - Present

Research Assistant

Dallas

- Full Stack Developer for NASA's EcoPro System, assisted in researching service-oriented computing with machine learning and reverse engineering.
  - Assisted in the development of an AI-powered feature to reverse engineer notebook code and generate flowcharts.

### Southern Methodist University

Aug 2022 - May 2023

Computer Science Tutor

Dallas

- Provide CS-related coursework and project tutoring for current students, with a focus on Java, C++, Data structure, etc.

### Weaver Network Technology Co., Ltd.

Mar 2021 - Jul 2022

Senior Software Engineer

Shanghai

- Led the Design, development, and optimization of Microservices for the [Eteams](#)(SAAS) product using Java, Springboot, React.js, Dubbo, and Nacos. Mentored interns and conducted code reviews.
  - Developed an efficient multi-threaded, asynchronous MQ solution for updating multi-dimensional organizational personnel information and structures.
  - Optimized data storage and retrieval through partitioned tables in MySQL and Redis, resulting in a **10x** increase in single-page QPS.
  - Led collaborative development across multiple departments and developed several remote interfaces.

### Fujian Star-net Communication Co.,Ltd.

Jul 2018 - Mar 2021

Software Engineer & Project Manager

Fuzhou

- Chief Designer and Lead Developer for top-tier financial software products. Demonstrated leadership in Java, Shell scripts, and related tech stacks. Excelled in project management, agile methodologies, and ensured timely delivery to Fortune 500 clients.
  - Participated in the department's DevOps initiatives, including the development of testing environment pipelines (Gitlab + Jenkins + Docker), which significantly accelerated development efficiency.
  - Optimized software access by resolving bottlenecks and boosted hotspot interface throughput from **40 to 200**.
  - Managed project deployment, operation, and maintenance. Led the team on 24/7 on-call support during the high-volume user rollout period to ensure project stability.

## OTHER SELECTED PROJECTS

### TA Management System

Aug 2023 - Present

Team Lead

- Spearheaded the full software development lifecycle for SMU Lyle College's upcoming TA management system, from requirement analysis to deployment. Led team collaborations, facilitating group meetings, brainstorming sessions, and code reviews.
- Technologies: Node.js, React.js, Scrum methodology, Docker, AWS, etc.

### JestGen

May 2023 - Jun 2023

Independent Project

- A [VSCode Extension](#) that automated Jest unit test file template generation, markedly improving the testing efficiency for the team. (There are already dozens of downloads)
- Technologies: Typescript, Jest Test, VSCode Extension Development.

### CollaborAI

Mar 2023 - May 2023

Independent Project

- Sole designer and developer for CollaborAI, a community that connects OpenAI API users, enabling non-technical individuals to easily experiment with the OpenAI interface and engage in online chat discussions.
- Technologies: Java, Springboot, Spring Security, Node.js, Vaadin, MongoDB, OpenAI APIs, AWS, etc.