

# ZHIYAN CHEN

[linkedin.com/in/zhiyan114](https://www.linkedin.com/in/zhiyan114) | [github.com/zhiyan114](https://github.com/zhiyan114) | [job@zhiyan114.com](mailto:job@zhiyan114.com)

## EDUCATION

### Computer Science

University of Central Florida

08/2027

## PROJECTS

### [Firey Bot](#) | [Git](#), [Docker](#), [Redis](#), [Prisma](#), [PostgreSQL](#), [Discord.js](#), [ExpressJS](#), [Sentry.io](#)

Main Developer

April 2022 – Current

- Utilized **Redis** database and **RedisIO** library to create an effective cache system.
- Configured **sentry.io** to help catch undetected bugs and tracking software performance.
- Refactored the entire codebase which significantly **improves maintainability**

### [Olympull](#) | [Git](#), [Monorepo](#), [Docker/Railway](#), [MongoDB](#), [Express](#), [Sentry](#)

Programmer | 2025 Fall Class Project

Oct 2025 – Nov 2025

- Initialized and configured repository to enable better team collaboration (CI/CD pipeline, branch policy, etc.)
- Developed and managed backend codes and infrastructure systems
- Assisted with other teams as needed, such as database management and frontend debugging

### [Ticket Bot](#) | [Git](#), [TypeScript](#), [Discord.js](#), [Prisma](#)

Maintainer

June 2023 – May 2025

- Contributed over **15+ features/bug fixes** which **impacted over 1000+ users** that are using the software.
- Re-wrote the codebase from JS to TS for **better maintainability**.
- Migrated the database library to use table/rows properly instead of key/value, which makes analyzing database content much easier
- Provided over **20+ user support** who are experiencing issues with the software, which led to **5+ bug fixes**

### [Finwise](#) | [Git](#), [PostgreSQL](#), [Prisma](#), [Redis](#), [NextJS](#), and [Tailwind-CSS](#)

Main Developer | KnightHack's 2024 Spring Project Competition

February 2024 – May 2024

- Created a session management system using **Redis** and account management system using **PostgreSQL/Prisma**.
- Assisted team members with the use of new framework and code styling
- Optimized various backend REST API route created by the team to improve the overall code quality

### [The Bad Dragon](#) | [Git](#), [Unity](#), [Python](#), [Raspberry Pi](#)

Programmer | KnightHack's 2023 Hackathon Program

Oct 2023 – Oct 2023

- Developed a player control system using **HC-SR04** sensor system and **Raspberry Pi** over direct ethernet connection
- Improved the game's overall UI Integration and player health system
- Collaborated with a team of 4 people to develop a product with very limited resources and guided them through the use of different unfamiliar tools and framework

## EXPERIENCE

### Qin Qin Restaurant LLC.

SysAdmin/Restaurant Assistant

Jan 2020 – Current

- Provided on-demand support and repairs for the Point of Sales and network systems, which **saved over 1000+ dollars and weeks of downtime**
- Assisted with various restaurant functions, including the role of cashier and food delivery
- Migrated business internet/phone service, which resulted over **\$50/month saving** and ensured the transition will have **minimal frictions**.

## SKILLS

Tools: Git, Github, VsCode, Docker, Visual Studio, Linux, Windows, Sentry.io, QT.io

Framework: ReactJS, NextJS, Node.js, Discord.js, Prisma, ExpressJS

Languages: TypeScript, JavaScript, C, Python, HTML/CSS, PHP, C#

Database: PostgreSQL, Redis, MongoDB, and MySQL