

Zongze Wu

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Education

University of Washington, Paul G. Allen School of Computer Science Sept 2024 – July 2026
B.S. in Computer Science

- **Coursework:** Data Structures and Parallelism, Systems Programming(C/C++), Hardware/Software Interface, Discrete Mathematics
- **Available for internship:** May 12 - Sept 20, 2025
- **GPA:** 3.87

Bellevue College Sept 2022 – July 2024
Associate Degree in Art & Science

- **GPA:** 4.0

Skills

- **Programming and Databases:** Java, JavaScript, C++, Python, C#, PostgreSQL, MySQL, AWS RDS, Azure
- **Backend Development:** Spring Boot, Node.js, Express, RESTful API, MyBatis-Plus, Spring MVC
- **Tools and Testing:** JUnit, Postman, Selenium, Docker, Pytest, GitHub Actions

Projects

Enterprise Food Delivery and Management System | Backend Developer Dec 2024 - Present

- Designed and developed a **scalable enterprise-grade food delivery system** with a web-based management interface and an H5 mobile client for end users.
- Built **RESTful APIs** using **Spring Boot** to support order management, menu customization, and user authentication.
- Designed and optimized database schemas using **MySQL**, improving query performance by **25%**.
- Streamlined data access and CRUD operations with **MyBatis-Plus**, reducing development time by **30%**.
- Implemented the **SSM framework (Spring, Spring MVC, MyBatis)** to modularize business logic and enhance maintainability.
- Automated testing with **JUnit** and **Postman**, achieving **90%+ test coverage**.
- Configured project dependencies and build processes with **Maven**, ensuring a reliable development workflow.

GoBang Web Game with AI Integration | Backend Developer Aug 2024 - Nov 2024

- Designed and tested robust **RESTful APIs** using **Node.js** and **Express** to handle game logic and user interactions.
- Developed database schema and optimized **PostgreSQL** queries, ensuring seamless user authentication and data consistency.
- Improved API response time by optimizing database queries, reducing latency by **20%**.
- Automated backend testing using **JUnit** and **Postman**, achieving **95% test coverage**.
- Deployed the application on **Render**, maintaining high availability for real-time gameplay.

Experience

Co-Founder, Tech Giant Club Aug 2023 – March 2024

- Led coding workshops focusing on **backend development practices** and collaborative problem-solving.
- Organized projects that incorporated **database management** and **API integration**, preparing members for real-world software challenges.
- Increased club membership by **23 members** within one quarter through engaging technical workshops.

Volunteer Tutor, Academic Success Center Jan 2024 – July 2024

- Provided tutoring in **programming**, **data structures**, and **mathematics**, helping peers improve technical proficiency.

Certificates and Achievements

Machine Learning Specialization Certificate, Stanford & DeepLearning.AI Nov 2023 – Feb 2024

Hoffman Prize Award, Bellevue College Math Department Dec 2022

3rd Place, AMATYC Mathematics Competition Nov 2022