

# Jade Shi

Yumeng Shi

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<https://github.com/Jadeshi1998>

## Education

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### Diploma in Cookery

Southern Institute of Technology

2017 - 2019

**Top student Award**

### Bachelor of Computer Science

University of Canterbury

2023 – present

(Graduating Nov 2025)

**GPA :7.29**

## Work Experience

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### Chef - Mugen-sushi

2019 - present

- Worked collaboratively in a multicultural kitchen, developing strong communication and teamwork skills.
- Handled high-pressure situations with professionalism, ensuring quality and efficiency in food preparation.
- Adapted quickly to challenges in customer service and operational efficiency.

## Technical Skill

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### Python

- Developed a routing daemon based on RIP v2 (RFC 2453) using sockets interface, with modular design and configuration interface.
- Built a personalized recipe recommender with Food.com data, using NumPy, pandas, and Dask.

### C

- Built an embedded system game for the UCFK4 microcontroller using navswitch, buttonS, LED matrix display, and IR communication in a two-person team.

### C++

- Created a real-time animated factory scene using OpenGL, featuring dynamic lighting and mathematically generated sweep surfaces.
- Implemented a ray tracer supporting various geometric objects and global illumination in using OpenGL and GLM, achieved 97.5% mark.

### Java

- Developed a tower defence game using JavaFX with the MVC pattern in SENG201 class, with UML diagrams and implemented unit tests in JUnit.

### R

- Processed real-world datasets for statistical analysis and data visualization with database cleaning, computed statistics, and visualized results using various R libraries.

### Git

- Experienced in using Git for version control across both individual and team projects. Proficient in managing local changes, pushing commits, resolving merge conflicts, and maintaining clean project histories.

## Skill

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### Learning

- Achieved top marks in first-year mathematics and statistics: **Excellent performance in 1st years mathematic and statistics award.**
- Maintained an A- average while balancing part-time work and personal commitments, excellent time management.

### Problem-solving

- Five years of experience as a chef sharpened my ability to think independently and solve problems efficiently. I frequently optimized cooking processes and kitchen systems to improve speed and consistency.

### Teamwork and Leadership

- Led a multicultural team in a high-paced kitchen environment, ensuring team motivation and consistent service quality.
- Demonstrated leadership in university projects by guiding group efforts and facilitating smooth collaboration.
- At each workplace in NZ and overseas, made a positive contribution to the work environment by being reliable, flexible, supportive and friendly towards work colleagues.

## Interest

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- PADI Advanced Open Water Diver
- AIDA 2-Star Free diver.
- Lifelong love of food and baking

## Reference

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### Joy Chen

Manager / owner

Mugen Sushi Wigram

Tel : 021- 688 - 343

Joy is my top leader in the restaurant she can attest to my work.