Toma Okabayashi

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 $\underline{\text{Website Portolio}}$

EDUCATION

Curtin University

Perth, WA

Bachelor of Computing, Major in Software Engineering

Expected 12/2025

EXPERIENCE

Japanese Restaurant Kitchen Hand

March 2022 - Present

SHOU Japanese Kitchen

Greenwood 6024, WA

- Assisted with financial transactions using Square by Block Inc, managing digital menus and facilitating touch card
 payments
- Provided customer service by taking orders, serving food, and addressing customer inquiries and concerns
- Organised and implemented UberEats and DoorDash applications to expand the restaurant's delivery services, resulting in increased revenue
- Analysed sales data and customer feedback to optimise menu offerings and strategies for online delivery platforms

Competitive Gymnastics Coach

June 2019 – Present

Northern Districs Gymnastics Club

Balcatta 6021, WA

- Developed personalised training programs for athletes to improve performance and achieve competitive goals
- Provided feedback and guidance to athletes during training sessions to enhance skills and techniques
- Organised and led gymnastics competitions, ensuring smooth operations and adherence to rules and regulations
- Collaborated with parents and other coaches to create a supportive and motivational environment for athletes

Gymnastics Judge

Sept 2019 – Present

Gymnastics WA Leederville 6007, WA

- Evaluated gymnastic routines and performances based on established criteria and standards
- Provided constructive feedback to competitors to help them understand strengths and areas for improvement
- · Maintained impartiality and fairness during judging processes to uphold the integrity of competitions
- Participated in judge training sessions and workshops to stay updated on rule changes

Projects

Sudoku Solver GitHub Link

Dec 2023 - Jan 2024

- Optimised search space by utilising backtracking algorithm upon encountering invalid configurations to explore
 possible solutions efficiently
- Designed a Java program using backtracking recursion to solve Sudoku puzzles ensuring valid number placement by following Sudoku rules before placement

Shop Finding and Navigation System GitHub Link

Sept 2023 – Nov 2023

- Custom data structures included Graph, Hash Table, Linked List, Max Heap, and Shop class for efficient shop and graph management
- Utilised depth-first search (DFS) and breadth-first search (BFS) for pathfinding between shops
- Enabled category-based shop search for targeted navigation
- Visualised shop connections in terminal using a graph data structure for efficient navigation

Flappy Bird Replica $GitHub\ Link$

May 2023 – June 2023

- Implemented game mechanics including bird movement, obstacle generation, and collision detection
- Generated dynamic pipe obstacles, leveraging Swing library for graphics rendering

TECHNICAL SKILLS

Languages: Java, C, JavaScript, Python, HTML/CSS

Developer Tools: Git, VS Code, PyCharm

Extracurriculars

Represented WA in Gymnastics 2017-2023: State Team Leader 2023, WA MAG Champion 2019/2022/2023,

Placed 2nd in Nationals 2023

Gymnastics Judging: Advanced Accreditation 2023, Judge Panel Leader 2022-Current

Japanese: Fluent in Japanese, Continuously studying to enhance proficiency