Morgan Xiao

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Education

Royal Melbourne Institute of Technology (RMIT) University   Melbourne, VIC

Bachelor of Computer Science (Professional)   *2024 – 2027*

Pathway includes 1-year internship (graduation flexible: 2026 or 2027)

Peer Mentor for Foundations of AI | Algorithms and Analysis

CSIT Society member

3.3 GPA

Experience

Sales Assistant   2022 – Present

Tattslotto   *Melbourne, AU*

- Handled over 50 transactions per shift
- Increased performance ranking by double digits
- Demonstrated empathy, patience, and attentiveness which fostered good customer relations

Freelance coding expertise for AI training   2025 – Present

Outlier AI   *Remote Work*

- Performed analysis of prompt responses from Large Language Models (LLM)
- Assessed output for code quality and correctness, making changes when necessary
- Peer reviewed work from other analysts

Projects

Personal Portfolio | *HTML/CSS, JS* | *https://morganxiao.com/*   Jan 2024 – Present

- Designed and developed a portfolio website using HTML, CSS, and JS with relevant information regarding myself
- Included interactive and dynamic features using CSS and JS
- Actively enhancing the website by continuously learning more about front and backend technologies

Educational Food Website | *Java, SQL, HTML/CSS*   May 2024 – June 2024

- Developed a full-stack web application using HTML/CSS for front end, and Java, SQL together for the back end.
- Used an SQL based database to store and manage food-related content, country information, and data retrieval
- Utilised SQL to write optimised queries, ensuring fast data retrieval for a 30,000+ entries database and supporting features such as search filters • Ensured user accessibility and usability by following sizing and general guidelines

Maze Generation and Solving | *C++, Minecraft API*   Aug 2024 - Nov 2024

- Implemented Right hand wall follower and Depth first search (DFS) algorithms to solve generated mazes
- Developed terraforming functionality that handles existing terrain and adhering to code quality standards; by preserving the environment and later restoring it after cleanup using a linked list.
- Included option for user input maze generation, with error handling in place using various techniques and algorithms such as Flood-fill.

Technical Skills

Languages: Java, Python, C++, SQL, HTML/CSS, JS
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse, kali Linux

Completed Subjects:

Year 1 first semester: Java Programming Bootcamp, Java Programming Studio, Introduction to Mathematics for Computing

Year 1 second semester: mathematics for Computing 1, C++ Programming Bootcamp, C++ Programming Studio

Year 2 first semester: Introduction to Cyber Security, Software Engineering Fundamentals, Algorithms and Analysis, Foundations of Artificial Intelligence for STEM

Year 2 second semester: Operating System Principles, Essentials of Computing, Computing Theory, Artificial Intelligence