MICHAEL (SHENGDIE) WANG

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Technical Skills

Selected languages	Python • Java
Web & Database	HTML • CSS • MySQL
Selected frameworks	Bootstrap
Selected technologies	Git • VSCode • LaTeX • MS Office
Language	English • Chinese (Mandarin)

Experience

Ezy Math Tutoring Pty Ltd — Dec 2022 – Apr 2023
Mathematics Tutor — *Melbourne, VIC*
- Tutored Year 10-12 Mathematics.

MarsLadder — Dec 2022 – Jan 2023
Research and Development Intern — *Melbourne, VIC*
- Formulated and written over 150 VCE specialist math questions using Math Type and LaTeX.

Personal Projects

Portfolio Website | *HTML, CSS, Bootstrap* — June 2023
- Built a website using HTML and CSS that presents projects and cv in an asthetic manner.
- 🌐 My Website

Navigation Simulator | *Python* — April 2023
- Used OOP fundamentals to implement a program with python that allows users to find the shortest path between two selected cities in the world with given vehicles of different attributes.
- Enhanced understanding of graph theory through networkx library.

Connect 4 Game | *Python* — March 2023
- Implemented a connect 4 game using python that allows game functionality between players and CPUs.
- Implemented different algorithms for each CPU with increasing win rate.
- Implemented Connect k, which allowed players to choose ideal board size, number of tokens, and type of opponents.

Education

Monash University — Feb 2023 – Nov 2026 (Expected)
Bachelor of Computer Science in Advanced Computer Science — *Melbourne, VIC*

Monash University — Feb 2023 – Nov 2026 (Expected)
Bachelor of Commerce in Econometrics — *Melbourne, VIC*

Extracurricular

Monash Association of Coding — Spring 2023 – Present
Member — *Monash University*

Commerce and Computing Association — Spring 2023 – Present
Member — *Monash University*