

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 <i>Mathematics Tutor</i> <ul style="list-style-type: none">Tutored Year 10-12 Mathematics.	Dec 2022 – Apr 2023 <i>Melbourne, VIC</i>
MarsLadder <i>Research and Development Intern</i> <ul style="list-style-type: none">Formulated and written over 150 VCE specialist math questions using Math Type and LaTeX.	Dec 2022 – Jan 2023 <i>Melbourne, VIC</i>

Personal Projects

Portfolio Website <i>HTML, CSS</i> <ul style="list-style-type: none">Built a website using HTML and CSS that presents projects and cv in an asthetic manner. My Website	June 2023
Navigation Simulator <i>Python</i> <ul style="list-style-type: none">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.	April 2023
Connect 4 Game <i>Python</i> <ul style="list-style-type: none">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.	March 2023

Education

Monash University <i>Bachelor of Computer Science in Advanced Computer Science</i>	Feb 2023 – Nov 2026 (Expected) <i>Melbourne, VIC</i>
Monash University <i>Bachelor of Commerce in Econometrics</i>	Feb 2023 – Nov 2026 (Expected) <i>Melbourne, VIC</i>

Extracurricular

Monash Association of Coding <i>Member</i>	Spring 2023 – Present <i>Monash University</i>
Commerce and Computing Association <i>Member</i>	Spring 2023 – Present <i>Monash University</i>