

# MICHAEL S. WANG

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## Technical Skills

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Selected languages	Python • Java • HTML/CSS • LaTeX
Selected frameworks	Bootstrap
Selected technologies	Git • VSCode • MS Office

## Education

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<b>Monash University</b> <i>Bachelor of Computer Science • Advanced Computer Science</i> <i>Bachelor of Commerce • Econometrics</i> <ul style="list-style-type: none"><li>WAM: 84; B.CS WAM: 92</li></ul>	<b>Feb 2023 – Nov 2026 (Expected)</b> <i>Melbourne, VIC</i>
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## Experience

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

## Projects

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### Portfolio Website | *HTML, CSS, Bootstrap*

- Designed and developed a responsive website from scratch using HTML and CSS.
- Styled all elements with CSS including features such as animations and transitions.
- [!\[\]\(039cd6b2e7148ba5690aa619b922c426\_img.jpg\) My Website](#)

### Face Swap | *Python*

- Used Face++ API to implement a program that performs face detection on given images.
- Incorporated the merge rate parameter to control the degree of merging in the final image.

### Navigation Simulator | *Python*

- Implemented Python program using OOP to find shortest path between selected cities with varied vehicle attributes.
- Enhanced understanding of graph theory through networkx library.

### Connect 4 Game | *Python*

- 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.

## Extracurricular

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<b>Monash Association of Coding</b> <i>Member</i>	<b>Spring 2023 – Present</b> <i>Monash University</i>
<b>Monash Algorithms &amp; Problem Solving</b> <i>Member</i>	<b>Spring 2023 – Present</b> <i>Monash University</i>