



# MICHAEL S. WANG

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## EDUCATION

### Monash University

Feb 2023 – Nov 2026 (Expected)

*Bachelor of Computer Science • Advanced Computer Science*

*Melbourne, VIC*

*Bachelor of Commerce • Mathematics & Econometrics*

- WAM/GPA: 86.875 (B.CS Components: 93.5)
- Achievements: IT Excellence Scholarship

## 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.

## PROJECTS

### Face Merge | *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.

### Portfolio | *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.

### 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.

## COMMUNITY

### Monash Association of Coding

Spring 2023 – Present

*Member*

*Monash University*

### Monash Algorithms & Problem Solving

Spring 2023 – Present

*Member*

*Monash University*

## TECHNICAL SKILLS

Selected languages	Python • Java • SQL
Selected tools	HTML/CSS • Excel • Git
Spoken languages	English • Chinese

Monash University Unofficial Student Academic Record

Michael Wang

Student ID: 33899835

Course: BACHELOR OF COMMERCE AND BACHELOR OF COMPUTER SCIENCE (B2008)						
Category		Title		Code	Status	
SPECIALISATION		Advanced computer science		COMPSCI03	NOMINATED	
MAJOR		Mathematical foundations of econometrics		MTHFNDEC01	NOMINATED	
Year	Unit code	Unit title	Teaching period	Credit points	Mark	Grade
2023	ACC1200	ACCOUNTING FOR MANAGERS	1	6	70	D
2023	BTC1110	COMMERCIAL LAW	1	6	82	HD
2023	FIT1045	INTRODUCTION TO PROGRAMMING	1	6	95	HD
2023	MAT1830	DISCRETE MATHEMATICS FOR COMPUTER SCIENCE	1	6	89	HD
2023	ECC1000	PRINCIPLES OF MICROECONOMICS	2	6	91	HD
2023	ETC1000	BUSINESS AND ECONOMIC STATISTICS	2	6	78	D
2023	FIT1008	INTRODUCTION TO COMPUTER SCIENCE	2	6	94	HD
2023	MAT1841	CONTINUOUS MATHEMATICS FOR COMPUTER SCIENCE	2	6	96	HD
2024	FIT3171	DATABASES	SB	6	INCOMPLETE	
2024	ETC2410	INTRODUCTORY ECONOMETRICS	1	6	INCOMPLETE	
2024	ETC2440	MATHEMATICS FOR ECONOMICS AND BUSINESS	1	6	INCOMPLETE	
2024	FIT2004	ALGORITHMS AND DATA STRUCTURES	1	6	INCOMPLETE	
2024	FIT2099	OBJECT ORIENTED DESIGN AND IMPLEMENTATION	1	6	INCOMPLETE	
2024	ETC2520	PROBABILITY AND STATISTICAL INFERENCE FOR ECONOMICS AND BUSINESS	2	6	INCOMPLETE	
2024	FIT1047	INTRODUCTION TO COMPUTER SYSTEMS, NETWORKS AND SECURITY	2	6	INCOMPLETE	
2024	FIT2014	THEORY OF COMPUTATION	2	6	INCOMPLETE	
2024	FIT2102	PROGRAMMING PARADIGMS	2	6	INCOMPLETE	
Grade point average (GPA) and Weighted average mark (WAM)						
Course				GPA	WAM	
BACHELOR OF COMMERCE AND BACHELOR OF COMPUTER SCIENCE				3.750	86.875	