Michael S. Wang

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EDUCATION

Monash University   **Feb 2023 – Nov 2026 (Expected)**
Bachelor of Computer Science · Advanced Computer Science   *Melbourne, Australia*
Bachelor of Commerce · Econometrics
- WAM: 88.278
- Achievements: IT Excellence Scholarship

EXPERIENCE

IMC Trading   **Oct 2024**
Launchpad Program Participant   *Sydney, Australia*
- Gained insights into market making, arbitrage, and options theory.
- Developed a trading algorithm in Python using IMC's simulated exchange and API.

Jane Street   **Jul 2024**
SEE Program Participant   *Hong Kong SAR*
- Gained in-depth knowledge of functional programming concepts.
- Developed a market-making bot that placed 7th out of 25 in the Electronic Trading Challenge.

Monash University   **Feb 2024**
Programming Bootcamp Tutor   *Melbourne, Australia*
- Conducted sessions introducing Python to undergraduate and postgraduate students.
- Covered topics including functions, loops, and data structures to establish strong foundational skills.

PROJECTS

Electronic Trading Bot | *Python*
- Conducted statistical arbitrage and algorithmic trading across Bonds, ADRs and ETFs.
- Used hedging strategies to mitigate market volatility and ensure stable portfolio performance.

Guitar Hero | *TypeScript, RxJS*
- Developed a rhythm game in functional reactive programming style using the RxJS library in TypeScript.
- Allows player to import different songs and integrated scoring and multiplier system.

Face Merge | *Python*
- Developed a face detection program in Python using the Face++ API.
- Integrated the merge rate parameter, allowing precise control over the degree of merging in the resulting image.

COMMUNITY

Monash Algorithms & Problem Solving Society
Member
- Monash Collegiate Programming Competition
- Data Structure-less Competition
- Advent of Maps Competition

TECHNICAL SKILLS

Selected languages	Python · Java · JavaScript/TypeScript · SQL · R
Selected tools	Oracle · MongoDB · HTML/CSS · Excel · Git · Linux
Spoken languages	English (native) · Chinese (native)

Monash University Unofficial Student Academic Record

Shengdie 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	Econometrics	ECONOMTR05	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	84	HD
2024	ETC2410	INTRODUCTORY ECONOMETRICS	1	6	90	HD
2024	ETC2440	MATHEMATICS FOR ECONOMICS AND BUSINESS	1	6	90	HD
2024	FIT2004	ALGORITHMS AND DATA STRUCTURES	1	6	89	HD
2024	FIT2099	OBJECT ORIENTED DESIGN AND IMPLEMENTATION	1	6	94	HD
2024	ETC2420	STATISTICAL THINKING	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	3.846	88.278