

MICHAEL S. WANG

☎ 0416751630

✉ a0416517630@icloud.com

in michaelwsd

🌐 michaelwsd

EDUCATION

Monash University

Bachelor of Computer Science • Advanced Computer Science

Bachelor of Commerce • Econometrics

Feb 2023 – Nov 2026 (Expected)

Melbourne, Australia

- WAM: 88.278
- Achievements: IT Excellence Scholarship

EXPERIENCE

IMC Trading

Launchpad Program Participant

Sep 2024

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

SEE Program Participant

Jul 2024

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

Programming Bootcamp Tutor

Feb 2024

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	