



MICHAEL S. WANG

📞 0416751630 ✉️ a0416517630@icloud.com  [michaelwsd](#)  [michaelwsd](#)

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

Monash University

Feb 2024 - Mar 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.

Mathematics Tutor

Dec 2022 - Nov 2023

Ezy Maths Tutoring

Melbourne, Australia

- Organized and prepared classes for year 12 students in specialist maths and mathematical methods.
- Developed a specialised teaching strategy catered to students.

PROJECTS

Markdown to HTML Parser | *Haskell, TypeScript, RxJS*

- Developed a fully functional Markdown-to-HTML parser, with backend in Haskell and frontend in TypeScript.
- Leveraged functional programming principles to ensure efficient and reliable text conversion across platforms.

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.
- Placed 7th out of 25 selected students across APAC in the Jane Street ETC Competition.

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.

ACCOLADES

- Participant in the Software Engineering track of the **IMC Launchpad Program**, IMC Trading 2024.
- Participant of the **Citadel Securities Discover Program**, Citadel Securities 2024.
- Participant in the Software Engineering track of the **Jane Street SEE Program**, Jane Street 2024.

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	