

Education

- **Bachelor of Engineering (Honors)** – Software Engineering Stream specializing in Data Science and a breadth specialization in Innovation and Entrepreneurship. Enrolled as a Dalyell Scholar.

Work Experience

- 11/2022 – Present **Tutor at Seriously Addictive Mathematics**
Delivered one-on-one and small group tutoring sessions (1-2 students), using a structured teaching materials to reinforce mathematical concepts. Adapted teaching methods based on student performance and proficiency.
- 03/2022 – Present **Tutor at Abacus Coaching Centre**
Teach groups of 4-6 high-school students in Maths and planning lessons to match students' individual learning needs.

Transferable Skills

- **Communication Skills** – Provided structured feedback to over 8+ students and parents, improving learning outcomes by tailoring lesson plans. Constantly provide feedback on student progress after every lesson.
- **Time Management** – Successfully managed 4 academic units, extracurricular commitments, and 8-12 working hours weekly, consistently delivering all tasks on time.
- **Leadership & Teamwork** – Led groups in integrated engineering to achieve excellent results in project work through effective planning and collaboration. Worked with culturally diverse peers in academic projects and social activities, fostering inclusivity and shared success.
- **Follows Specifications** – Able to demonstrate through tutoring work with Seriously Addictive Mathematics Tutoring and Abacus Coaching Centre where I exceeded quality targets every month. Ability to interpret and analyse feedback from supervisors and improve accordingly.

Technical Skills

- **Web Development** – Build a website using HTML and CSS for a group project in 'Analysis and Design of Web Info Systems'. Participated in a hackathon organized by SYNCs, collaborating with peers to design and deploy a website that addressed a real-world challenge within a time constraint of 24 hours.
- **Databases** – Applied rational database design and querying in coursework projects using MySQL. Developed ER Diagrams, normalized schemas, and implemented data retrieval using SQL in web applications.
- **Data Science and Machine Learning** – Gained foundational experience with data science tools and concepts in subjects like 'Multi-disciplinary Engineering' and

‘Data Sciences, Big Data and Data Variety’. Explored data preprocessing, model training, visualization and machine learning basics using python, pandas, scikit-learn in course assignments.

- Software Design and Architecture – Using design patterns, SOLID and GRASP principles to extend and refactor a complex Pac-Man game application.
- Software Tools & Development Practices – Using Git, GitHub for version control in group projects, enabling collaborative and traceable code contributions. Followed Agile or Scrum methodologies with tools like Jira and GitHub Projects to plan sprints, distribute tasks between team members and deliver software iteratively.

Professional Memberships

- Engineers Australia – Student Member

A motivated and adaptable Software Engineering student at the University of Sydney with a strong foundation in communication, leadership and analytical thinking. With hands on tutoring experience and leadership roles in youth organizations, I bring a client-focused mindset and problem-solving skills that align well with consulting work. I believe with my experience, dedication and enthusiasm to gain experience working in diverse fields early in my career, I could swiftly exceed your expectations and contribute to meaningful projects.

Appendix

Bachelor of Software Engineering (Honors)

Session	Subject	Result
S1 2023	Introduction to Software Engineering	83.0 (Distinction)
	Introduction to Programming	88.0 (High Distinction)
	Linear Algebra	90.0 (High Distinction)
	Calculus of One Variable	80.0 (Distinction)
	Innovation and Entrepreneurship Foundation	80.0 (Distinction)
S2 2023	Introduction to Computer Systems	85.0 (High Distinction)
	Object-Oriented Programming	77.0 (Distinction)
	Statistical Thinking with Data	88.0 (High Distinction)
	Multivariable Calculus and Modelling	84.0 (Distinction)
	Innovators' Skills and Actions	85.0 (High Distinction)

S1 2024	Systems Programming	55.0 (Pass)
	Data Structures and Algorithms	79.0 (Distinction)
	Analysis and Design of Web Info Systems	73.0 (Credit)
	Discrete Mathematics and Graph Theory	70.0 (Credit)
S2 2024	Multi-disciplinary Engineering	80.0 (Distinction)
	Data and Information Management	78.0 (Distinction)
	Software Construction and Design 1	79.0 (Distinction)
	Agile Software Development Practices	77.0 (Distinction)
S1 2025	Data Sciences, Big Data and Data Variety	Current
	Software Construction and Design 2	Current
	Unravelling Complex Problems (Dalyell)	Current
	Probability and Estimation Theory	Current
	Protecting People Who Use Technology (Dalyell)	Current
		WAM : 84.0