

Aidan Z. Tan

Personal Details

Date of Birth 12.08.2002

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Career Profile

- Thrives generating innovative and creative solutions to real world problems
- Demonstrates initiative to lead and motivate diverse teams positively
- Adapts leadership attributes of courage and growth mindset to overcome failure

Education

Degree Bachelors of Engineering (Honours) / Commerce

Major Software Engineering, Financial Technology

University University of New South Wales (UNSW), Kensington NSW

Technical Skills

- Fluent in Python, Java, C++, typescript, Node.js, React.js, C# (ASP .NET), CSS, SQL and shell (zsh) programming languages, master of agile and scrum, experienced programmer since 2015
- Competent with RESTful API design, UI/UX and web design, cloud services, AI, financial market data analytics, incident response and observability (site reliability), and Jira task management
- Proficient at non-technical skills such as leadership, team collaboration and consulting practice
- Committed to seeking internship opportunities as a full stack software engineer in any industry

Work Experience

Mathematics Tutor – Self-Employed

Casual

December 2020 - Present

- Coaching students ages 8-18 privately across 4 years to accelerate student's mathematical capabilities, resulting in higher grades and 3 students promoting to extension maths classes

IT Marketing Consultant – PT. MTM, Jakarta (Indonesia)

UNSW Global Business Practicum (Work Integrated Learning)

January 2025 - February 2025

- Collaborated with 3-member consulting team to present a well-researched cybersecurity platform go-to-market strategy, resulting in a comprehensive unique value proposition and launch campaign

Software Engineer – Commonwealth Bank Australia, Sydney (Australia)

Full-time Internship

July 2024 - January 2025

- Worked with 10-member data service team to perform maintenance of existing APIs and develop new services that improve management of sensitive data surrounding CBA's mortgage insurance
- Worked in frontend (React), backend (C# ASP .NET), cloud (TeamCity, AWS) and observability (Observe, Grafana Labs), attended 6 networking events, and delivered a wellness presentation

Relevant Projects

For my detailed project portfolio, see: <https://github.com/aidantze/projects.github.io>

Also check out my portfolio website, to better showcase myself: <https://aidantze.netlify.app/>

Scrum Master / Delivery Manager

UNSW Software Engineering DevOps Workshop

February 2025 - April 2025

- Led and collaborated with 5-member software engineering team to prototype and pitch "KeyTrend", a news keyword microservice with fast real-time data collection and AI powered insights
- Used industry tools (Jira, GitHub, MongoDB Atlas, Gemini, Swagger OpenAPI, Render and AWS) to manage the Node.js API and its CI/CD pipeline, deployment, monitoring and documentation

Credit Rating Analyst

UNSW FINSOC Corporate Finance Analyst Competition - 1st Place

May 2024 - July 2024

- Collaborated with 4-member finance analyst team to recommend the hypothetical leverage buyout of an S&P500 listed company based on financial model, credit rating and sustainability risks
- Reached, and won, the finalist stage where we pitched our recommendations to a live panel of investment bankers at Challenger headquarters in Martin Place, Sydney

Scrum Master

UNSW Engineering Design and Professional Practice

May 2023 - August 2023

- Led and collaborated with 5-member software design team using Jira and Figma to produce and test an accessible child-friendly prototype interface for parents managing children's finances
- Reached the finalist stage where we pitched the final prototype interface and business solution to a live panel of venture capital investors – opportunity to network and gain insights in startup industry

Volunteer Experience

Music/Worship Leader

Marsfield Community Church

November 2014 - Present

- Serving in church as music leader, playing guitar in a band and leading congregation singing in worship, to build leadership skills and inspire hope in over 100+ people's hearts for over 9 years

Youth Leader

Marsfield Community Church

February 2021 - December 2024

- Facilitating youth leader position, helping to grow and train 30+ teenagers within the local community over 4 years, and giving talks to build my public speaking and communication skills

Qualifications

- 79.110 WAM with 9 High Distinction subjects
- Duke of Edinburgh Gold Award
- 97.9 HSC ATAR

Certifications

- **UNSW Global Business Practicum Certificate** *February 2025*
- **UNSW FINSOC Corporate Finance Analyst Program Winner** *July 2024*
- High Distinction in COMP9321 Data Services Engineering *May 2024*
- High Distinction in COMP3411 Artificial Intelligence *May 2024*
- High Distinction in FINS3646 Financial Technology Toolkit *May 2024*
- **UNSW Innovator Pro Program Certificate** *September 2023*
- High Distinction in COMP1040 Entrepreneurial Ecosystems *August 2023*
- High Distinction in COMP3311 Database Systems *May 2023*
- High Distinction in MATH2400 Finite Mathematics *August 2022*
- High Distinction in COMP1531 Software Engineering Fundamentals *May 2022*
- **UNSW Leadership Foundations Program Certificate** *September 2021*
- **Duke of Edinburgh Gold Award Certificate** *December 2020*
- High School music 2 and music extension prize *December 2020*
- High School Honour Tie for Christian fellowship *September 2020*
- Credit in Australian Mathematics Competition *July 2020*
- **Premier's Volunteer Recognition Program Certificate** *April 2020*
- High school distinction prize *December 2017 and December 2016*

Referees

Referee 1

Bobby Tan [no relation]

Crew Lead - COE Digital Experiences at Commonwealth Bank Australia

bobby.tan@cba.com.au

0448901332

Referee 2

Larry Siu

Managing Legal Counsel at T. Rowe Price

larry_siu@troweprice.com

Referee 3

Janis Wardrop

Course Coordinator at the University of New South Wales

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