

Aidan Marley

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Education

- Bachelor of Engineering (Software) / Commerce (FinTech) UNSW. *2020 – Present*
- St. Ignatius College Riverview: Math Extension, Physics, Advanced English, Modern History *2010 – 2018*

Software Engineering

Notable Group Work

- Decentralised Blockchain application for the food-industry: Designed and implemented an application to solve problems of traceability and transparency in the meat supply-chain, performed a pitch and a live demo.
- E-invoicing web application: Created and pitched a viable e-invoicing application for everyday people and simple businesses using React, Postgres, and Heroku.
- Pixel-art turn-based game: Object-Oriented Design, collaborated in a group of 4 and lead the team in UML design and task delegation to reach milestones on time.
- Back-end for a team-messenger website: Communicated online and organised meetings independently, worked with flask servers and the discovered the importance of black-box testing.
- Solar-powered cable car: Communicated online and held meetings in-person, learnt to respect the engineering design process and used creativity to solve problems in the midst of time and resource constraints.

Most developed Languages: Java, C#, Solidity, C, SQL, Python.

Work Experience

Squad Swim Coach at Clublinks UNSW

- Assisting in the development of high-level swimmers in Bronze, Silver, and Gold Squads *Feb 2021 – Present*
- Creating and revising sets aimed towards the abilities of the swimmers

English Teacher: Xavier Learning Community, Chiang rai, Thailand

Feb 2019 – Jan 2020

- Taught speaking, reading and writing skills among university level students
- Taught Australian equivalent grades 1-6 once a week in the village school
- Co-ordinated and ran multiple English camps for students in neighbouring provinces
- Students at the institution were of the northern hill-tribes who can't afford/access normal education

Learn to Swim Instructor

Nov 2018 – Feb 2021

- At BlueFit Lane Cove from Nov 2018 – Feb 2019 and Sep 2020 – Jan 2021
- At YMCA Kur-Ring-Gai from Oct 2020 – Feb 2021
- Instructed Swimability programs for the differently abled
- Aided in the swimming development of adults and children
- Certified Swim Australia Teacher by ASCTA and CPR qualified

Extra-curricular

Sony Children's Holiday Camp

Dec 2018

- Acted as the legal guardian for a severely disabled child over 4 days
- Collaborated with medical staff, engaged in preparatory care-taking and first-aid courses

Micronesia Immersion

July 2017

- Organised donations, engaged in fundraising
- Taught English in the islands of Pohnpei, Chuuk and Palau

Interests

- Swimming: National, State, Metropolitan competitive short course, long course and Open Water (5k) swimmer
- Blockchain development and AI