KAI **BARRY**

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OBJECTIVE

I am a passionate fourth-year software engineering student studying at the University of Queensland. I aim to increase my knowledge of coding through the graduate program. Please have a look at my coding portfolio.

EDUCATION

University of Queensland
2020 - 2024
Bachelor of Engineering (Software)
WGPA – 6.0

All Saints Anglican School
Graduated 2019
OP 3

WORK EXPERIENCE

Suncorp
2023 - Ongoing
Technology and Operations Intern

SKILLS

- **Python Proficiency:** Knowledge on writing **Efficient Python** running on **large datasets** with experience using libraries such as **NumPy** and **Pandas** as well as machine learning libraries such as **TensorFlow** and **SciPy**.
- **Data structures and algorithms:** Knowledge and understanding in time and space complexity of many different algorithms.
- **Java Proficiency:** Knowledge of writing well-structured object-oriented languages.
- **Proficient in Japanese:** Have spoken Japanese at home since a child.

ACADEMIC ACHIEVEMENTS

- **2021** – 9th in Computer Systems Principles and Programming (CSSE2310) in a cohort of 237 other students including postgraduate students
- **2020** - 1st place in group project for Professional Engineering (ENGG1100)

- **2019** – QUT technology award – For topping Engineering Technology subject
- **2018** – Mayor's Telstra Technology Award - For designing a black box system for your personal vehicle akin to the ones seen in commercial aeroplanes.
- **2017** – Academic honours – For achieving 5 A's in academic subjects.

EXTRACURRICULAR ACTIVITIES

- **2023** – UQISS (UQ International Student Society Member)
- **2022** – UQCS (UQ Computer Science Member)
- **2019 -** AMEB Piano 7th Grade Certification

PERSONAL ATTRIBUTES

- **Great teamwork and interpersonal skills:** Worked in many group projects in and outside of university while being able to achieve high results.
- **Effective time management skills:** Able to effectively balance university, exercise and have time for my hobbies.
- **Willingness to learn:** Have worked with over 5 programming languages and apply many different concepts learnt through university.
- **Enthusiastic:** Will get involved with many groups and contribute and listen.
- **Excellent communication skills:** Have had many public speaking opportunities and able to convey information effectively.

INTERESTS AND HOBBIES

- **Machine Learning:** Have received a GPA of 7 in UQ's AI and machine learning courses and am constantly learning more in the field of AI and ML.
- **Thesis:** My thesis focused on comparing different machine learning models for interpreting Auslan Sign language.
- **Computer Programming:** I am constantly programming to solve general problems or creating projects in my spare time.
- **Sport:** Basketball, Hiking, Bouldering
- **Music:** Produce, play and listen to many different genres of music

PROFESSIONAL REFEREES

Alison Weeks
Director of Careers & VET (Years 10-12)
All Saints Anglican School
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