

# KAI BARRY

162 Seventh Ave, St Lucia, QLD · +61 426 032 004  
kai.barry1234@gmail.com · github.com/Kai-Barry  
<https://www.linkedin.com/in/KaiBarry/>

---

## 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 an internship to gain valuable work experience.

## EDUCATION

---

### University of Queensland

2020 - 2024

Bachelor of Engineering (Software)

WGPA – 5.9

### All Saints Anglican School

Graduated 2019

OP 3

## 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** – 9<sup>th</sup> in Computer Systems Principles and Programming (CSSE2310) in a cohort of 237 other students including postgraduate students
- **2020** - 1<sup>st</sup> 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 7<sup>th</sup> 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:** Currently in 2023, I am working on a Machine learning focused thesis 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, Gymnasium
- **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 Ph: 07 55870377
--