

# KIM GAO

## CONTACT ME AT



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## LANGUAGES

English

Chinese

Japanese

## SKILLS SUMMARY

Java Programmer

Python Programmer

Github

Microsoft Suite, Photoshop, Illustrator

HTML, CSS

## AWARDS RECEIVED



UQ Summer Research  
Scholarship  
(2020)



Winning Team for ENGG1211  
Summer Semester Project  
(2019)



OP 3 Graduate  
(2018)

## EDUCATION

**Bachelor of Engineering Honours (Software) /**

**Bachelor of Arts (Japanese)**

University of Queensland | 2019 - present

**International Baccalaureate**

Queensland Academies Health Science Campus | 2016 - 2018

## WORK EXPERIENCE

### UQ Summer Research Program

University of Queensland | 2020-2021

- Involved in the creation of web-based language technology resources.
- Used the programming language R to develop integrative grading exercises which is to be accessed by users through Binder (Jupyter).
- Learned how to use Anaconda Cloud to create environments and packages.
- Worked in a team through a mix of online (Zoom) and in-person meetings.

### Student Staff Partnerships

University of Queensland | 2020

- Co-created guides for effective group work practice; students in the Humanities, Arts and or Social Sciences faculty.
- Worked in a diverse team of 5 including people doing their masters/bachelors or staff members of UQ.

### Ladies in Technology Society Member

University of Queensland | 2020

- Organised and ran social events, supporting girls studying in STEM at UQ.
- Used Microsoft Word and Excel for sorting event details and checklists.
- Worked in a team of 30 members from a range of degree backgrounds including IT, chemical engineering and business.

## EXTRACURRICULARS

### UQU Volunteer

University of Queensland | 2020

- Developed a sales pitch for promoting and selling UQU rewards cards.
- Networked with a diverse range of people.

### UQ Ventures, Social Enterprise Program

University of Queensland | 2020

- Committed to weekly workshops focusing on business and leadership strategies for solving socio-economic problems related at a local and global scale.
- Created and managed a team focusing on strategies for improving the tech related educational programs available for high school students in Queensland.

## **Rails Girls Workshop**

University of Queensland | 2019

### **Summary:**

- Learnt the basics of Ruby and how the internet works. Created a simple website using Ruby.

## **Django Girls Coding Workshop**

University of Queensland | 2019

### **Summary:**

- Attended a crash course on what Django is and learnt some basic Django programming skills and developed a website.

## **PROJECTS**

### **Building Management System Program**

University of Queensland | 2020

#### **Summary:**

- Used object oriented programming practices during the creation of a series of classes which monitored the structure of buildings including internal floors, rooms and sensors.

### **Storm Water Treatment System Project**

University of Queensland | 2019

#### **Summary:**

- Used Matlab software which calculated hot water required for creating a mixed water temperature of 25 Celsius.
- 3D designed and laser printed a compartment used to ensure the water system flowed at 2.5 litres/second.
- 3D modelled and printed a mixing device used to mix a cleaning solution with the warm water.
- Team leader of the project, creating timelines, managing group conflicts, group meetings and role allocation.
- Winning team for performance, achieving 89.9% accuracy.

## **OTHER EXPERIENCE**

### **Plum Cafe**

Kenmore | 2019

- Managed rush hour periods with initiative and efficiency.
- Co-ordinated the kitchen and wait staff, ensured high quality customer service.

## **REFERENCE**

### **Chris Frost**

UQ Employee (E-Learning Coordinator for the Faculty of Humanities and Social Sciences)

c.frost1@uq.edu.au

### **Christine Zhou**

Plum Cafe

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