

Kerry Qian

Built Environment Student

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GENERATIVE DESIGN | PARAMETRIC DESIGN | 3D MODELLING | CODING

QUALIFICATION SUMMARY

Bachelor of Computational Design (Distinction) graduate from the University of New South Wales with over a year of experience in the AEC industry. Aiming to leverage a proven knowledge of computer-aided engineering, design thinking, and automation skills to successfully fill the role within your company.

KEY SKILLS

- ✓ Easily grasp new concepts
- ✓ Fluent in English
- ✓ Limited proficiency in Chinese/Mandarin
- ✓ Rhinoceros3D / Grasshopper
- ✓ Adobe Software
- ✓ Digital fabrication
- ✓ Revit
- ✓ Python, C#, HTML & CSS,
- ✓ Strong social skills

RELEVANT PROFESSIONAL EXPERIENCE

Student Consultant, Computational Design
Aurecon

Jun 2023 - Present

- Automating Retaining Wall modeling for various projects.
- Developed automated cross section tool for digital models.
- Automating the uploading and filing of team document library.

Intern
Greening Australia

Jun – Aug 2021
Sydney

- Created a prototype tool for the “GER-X” Project.
- Using Rhino3D/Grasshopper, I developed a tool to simulate the growth of trees and vegetation on any topography over any time period.
- Able to run sunlight analysis to see shading and sunlight radiation effects on land.

ADDITIONAL EXPERIENCE

Assistant
Best I.T Solutions

Mar 2014 – May 2016
Allawah, NSW

At a young age, I developed a strong understanding on computer hardware and software. I can confidently fix/identify the problem of most computer issues.

- Developed a strong interest in problem solving skills through working independently on troubleshooting tasks.

- Developed a deep understanding of computer hardware and software components.
- Doing door-to-door services alone and identifying and fixing problems.

Senior Staff Member

Oct 2019 – Feb 2021

Zambrero

Waterloo, NSW

Working my way from a junior to senior staff member at Zambrero, I developed a strong understanding of how businesses work and how to handle more responsibilities.

- Developed skills to become a strong independent worker.
- Developed skills to work within small teams.
- Able to work within stressful/fast-paced environments.
- Developed leadership skills needed as a Senior staff member.

Attendant

Jun 2021 – Jun 2023

Bankstown Sports Club

Bankstown, NSW

During my time working here, I have been trained in multiple different positions within the club and have been highly adaptable and able to pick up new skills very quickly.

- Ability to co-operate within a large and diverse team.
- Work and communicate with multiple different members of staff.
- Train new staff (preferred trainer).
- Strong customer service skills.

Technician

Jun 2016 - Present

Asian Traveller

Hurstville, NSW

Independently fix computer-related issues around the office including internet, computer, and printer issues.

- Understanding and resolving client issues.
- Organising and maintaining office network and wiring.
- On-call servicing

EDUCATION

Computational Design, Bachelor's

Graduated: May 2024

UNSW

Kensington, NSW

- 2021 Dean's List Award.
- 2022 Dean's List Award.
- Data project selected to be featured in the Walden Pond Magazine.
- Fabrication of 'Glass Station' nominated for UNSW 2021 Luminocity exhibition.
- Generative urban planning tool featured in UNSW 2022 Luminocity exhibition.
- Distinction – High Distinction on most courses

High School Certificate

Graduated: Sep 2019

Alexandria Park Community School (selective)

Alexandria, NSW

- Mentor and assistant for Y12 Music class

- Music Excellence Award.
- Band 6 Music.