



English



Cantonese



Mandarin

Katherine Luo

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Profile

I am a penultimate-year computer systems engineering student looking for engineering/software development/product development internship or a part time job that will allow me to develop my professional skills. I often take pride in being an organized person, who is keen to continuously learn and improve.

Education

**The University of Auckland | Auckland,
NZ Bachelor of Engineering (Honours)**

07/ 2020 – 11/2023

Computer Systems Engineering

Current GPA: 6.25 (excluding courses from
part I)

08/ 2019 – 06/2020

Taylors College | Auckland, NZ

University foundation program

Subjects: Statistics (A+), Calculus (A-), Physics (A-), English (A), Information Technology (B+)

Work Experience

**My food bag | Auckland
Quality Controller**

11/ 2020 – 07/2021

- My responsibility: Checked production performance for compliance with process standards and updated documentation for rejected components and finished products.

**NeoDocto | Remote
Web Development intern**

12/2021- 02/2022

- My responsibility: Modified and updated website using javascript to improve functionality and user experiences. Supported planning and development of the company's website, researched topics and organized data for ease of use.

**Fisher & Paykel Healthcare/ Kelly services | Auckland
Assembler**

12/2021 - 04/2022

- My responsibility: Used hand tools and machines to assemble parts in ACL 4 Daniel wire cell molding station. Documented the situation of line before start and the end of work. Quality inspection to avoid failures. Assisted engineers to test and validate the products.

Achievement

Best Design Award | WDCC & SESA Hackathon

31/07/2021 – 01/08/2021

Developed a web app in a team based on the topic of procrastination <https://definetely-not-reddit.netlify.app/>

First class in Information Technology | Taylors College

08/ 2019 – 06/ 2020

Skills & Certification

Programming: Proficient in Python, Java, C, HTML, Javascript, CSS , C++, VHDL and Matlab.

Hard skills: Proficient in MS Office, content editing, video editing, soldering and quality control.

Soft skills: Time management, Problem-Solving, Teamwork and Multi-tasking.

Certification: *Microsoft certified AI fundamental, Lean six sigma foundations.*

Previous Projects

(All projects can be accessed through my portfolio website: <https://katherineluo-portfolio.netlify.app/>)

Project 1: Created an e-commerce android application called Anime Impact which sells manga, figures and clothes using Java as back-end and XML as front-end.

Project 2: Developed an app based on the topic of procrastination using css, html and javascript.

Project 3: Created a handwritten digits and characters recognition using Python language.

Project 4: Created a game similar to flappy bird using VHDL language.

Personal project 1: Created a personal portfolio website.

Personal project 2: Currently working on a rating website where users can rate certain anime.

Voluntary Work Experience

New Zealand Overseas Chinese Union
Secretary and Content editor

11/ 2021 – present

New Zealand multicultural exchanged experience center
Teaching Assistant

07/ 2020 – 08/2020

References

Hemita Sami (0210304146): My Team Leader at Fisher & Paykel Healthcare .

Paul Bao(095740123 EXT 5036): Senior Product Development Engineer(Infant Care) at Fisher & Paykel Healthcare .

Ananya Gupta (ananya.gupta@neodocto.com) : My Intern supervisor at NeoDocto.