

ALYSSA PNG KAI WEN

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PERSONAL SUMMARY

- Motivated and enthusiastic to learn and gain more exposure to Biomedical engineering
- Enjoy working as a team leader and active contributor
- Adaptable to changes and a fast learner
- Passionate about helping people and contributing back to the community
- Enjoy meeting new people and learning from their experiences

EDUCATION

National University

Aug 2022 – Present

Candidate for Bachelor's Degree in Computer Science

- Culminative GPA: 3.86
- Expected to Graduate in 2026

Ngee Ann Polytechnic

Apr 2019 – May 2022

Graduate with a Diploma in Biomedical Engineering

- Culminative GPA: 3.91

St. Margret's Secondary School

Jan 2015 – Dec 2018

GCE 'O' Level Certificate: 13 points

WORK EXPERIENCE

The Young Makers

Nov 2021 – Present

Main Teacher

- Developed a curriculum covering Scratch and introductory Python concepts
- Taught Python to young learners, aged 7 to 12, utilizing Scratch and Micro bit as educational tools

A*STAR Institute of Chemical and Engineering Sciences (ICES)

March – August 2021

Assistant R&D Engineer

- Execute research experiments independently and developed time management skills
- Analyse and synthesise research data using analytic tools
- Learnt effective communication through group discussions
- Gain confidence to voice out any questions or provide useful inputs

Lady M Singapore

Jan 2019 – Jan 2020

Part-Time Staff:

- Managed large crowds and worked efficiently under pressure
- Keep track of stock and close the cash register at the end of the day
- Learnt to recommend special offers or cakes to customers

SingAsia Resources

Dec 2018

Banquet:

- Served food to guest, cleared plates and refilled beverages
- Be attentive to guest needs and learnt the proper banquet etiquette

St. James Church Kindergarten

May 2017

Job Shadow as a Kindergarten Teacher:

- Engage the children in the lessons
- Be patient when dealing with the children

CO-CURRICULAR ACTIVITIES AND COMMUNITY SERVICE**Ngee Ann Polytechnic:****Ultimate Frisbee (Member)**

Apr 2019 - Present

- Participated and obtained:
 - o 4th place in the 2019 PO-LITE games
 - o Plate champion in Ultyschool 2020

Youth Expedition Program Vietnam (Hoi An) Sep 2019 (Student leader) Aug 2019 – Sep 2019

- A service-learning overseas trip
 - o Built a playground for the local children and conducted lessons for the local students
 - o Participated in beach clean-up
- Volunteered at the Touch Home Care

St Margret's Secondary School**Rhythmic Gymnastics (Vice-Captain)**

Jan 2015 – Apr 2018

- Represented School in the 2018 NSG Gymnastics (Rhythmic) Championships B Division Girls Level 5 Group and obtained 2nd place.
- Represented Country in The 2015 World Gymnaestrada in Helsinki Finland (International Event)

Student Leadership Challenge Board (Member)

July 2017 – Oct 2018

- Group of selected leaders tasked to organized and lead the 2018 Secondary One Orientation

CERTIFICATES AND AWARDS**Top Field Award Rookie of The Year (Eusoff Hall)**

April 2023

in recognition of invaluable services rendered to Eusoff Hall for the academic year 2022/2023

Smitech Asia Silver Medal & Prize

May 2022

for the second most outstanding graduate in the Diploma in Biomedical Engineering course

A*star Science Award

June 2020

recognizes students who have shown interest and excellence in the Sciences and Mathematics.

Placed on the Director's List

July 2020

for excellent academic performance for the Diploma in Biomedical Engineering Level 1, October Semester, Academic Year 2019/2020

Oct 2019

Best Performance

in the module Programming for the Diploma in Biomedical Engineering
Level 1, April Semester, Academic Year 2019/2020

Edusave Character Award

recognizes students who have demonstrated exemplary character and
outstanding personal qualities through their daily behavior and actions

Jan 2019

SKILLS

- C, C#, Python, Java, JavaScript Programming
- Breadboarding and Soldering skills
- Embedded Systems (ARM)
- Microsoft Word and PowerPoint
- Data analysis and synthesis using Microsoft Excel and Origin Lab

REFEREES

Ngee Ann Polytechnic:

1. Foo Jong Yong Abdiel

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535 Clementi Road Singapore 599489

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2. Chua Tji Leng

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