

# ALYSSA PNG KAI WEN

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Website: <https://alyssapng02.github.io/resume/>

## 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 4<sup>th</sup> 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**

Lecturer, School of Engineering, Ngee Ann Polytechnic  
535 Clementi Road Singapore 599489

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**2. Chua Tji Leng**

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