



# SILVANUS SNG

Product Designer

My name is Silvanus Sng. I am an undergraduate of Singapore University Of Technology and Design. I am a confident and highly motivated person. I have an inquiring mind and have always shown a keen interest in exploring new strategies, especially in the area of Programming and Electronics. I have lead a few project teams in both ITE and SP and have garner multiple awards. Its my passion to find out how things works.



+65 87426292



Silvanus\_sng@mymail.sutd.edu.sg

## Language

- English
- Mandarin (basic)

## Expertise

- CAD (Solidworks)
- C++
- Product Design
- Leadership

## Skills

Design Process	<div><div></div></div>
Project Management	<div><div></div></div>
Autodesk Inventor	<div><div></div></div>
Mechanical Fabrication	<div><div></div></div>
Public Speaking	<div><div></div></div>
Software programing	<div><div></div></div>

## References

- Dr Lim Chee Kian from Singapore Polytechnic
  - lim\_chee\_kian@sp.edu.sg
  - 9760 9620
- Mr Tan Tuan Kiat from Singapore Polytechnic
  - TAN\_Tuan\_Kiat@sp.edu.sg
  - 9786 5234

## Experience

### SICK Intelligence (Internship Equivalent)

April 2020 - August 2020

- Led a team of four
- Designed an office transporter using Inventor and AutoCAD
- Programmed a code to allow transporters to navigate through obstacles using ROS
- Liaised with supervisor and partnering company
- Contacted supplier for materials and components

## Education

### Singapore University Of Technology and Design

Bachelor of Engineering Product Design

September 2023 - Current

- Current GPA: NA
- Mechanical Lead for Deign thinking project

### Singapore Polytechnic

Diploma in Mechatronics and Robotics Engineering

April 2018 - April 2021

- Graduated with a GPA of 3.6
- Lee Kuan Yew STEP Award Recipient
- BizSAFE Level 2 certification
- Gold with Honors for CCAs

### ITE College West

Higher National ITE Certificate in Mechatronic Engineering

January 2016 - March 2018

- Graduated with a GPA of 3.9 with 3 Distinctions
- Best in Module for Microcontroller and computing
- Lee Kuan Yew Technology Award Recipient

## Notable Achievements

- TIIDE Scholar 2025
- Best Prototype HUD for Firefighter
  - Formed and led the team in design and mechanical fabrication
- Top 10% of NS men 2024
- 3rd Transport Commanding Officer Coin 2023
- Cogito Champion Team. 2020
  - Formed and led the team in design and mechanical fabrication
  - Designed a project that converts heat and light energy to electrical energy for residential use