



PANG KANG WEI

THIRD YEAR ROBOTICS AND
MECHATRONICS ENGINEERING STUDENT

PROFILE

I am a third year engineering student from Monash University, looking to secure a 3 month internship position (22/11/2021 - 25/2/2022)

CONTACT



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Subang Jaya, Selangor

EDUCATION

Monash University Malaysia

Bachelor of Robotics and
Mechatronics Engineering
2/2019 - 11/2022

- CGPA 3.199
- WAM 70.059

LANGUAGES

- Mandarin
Native
- English
Native
- Bahasa Malaysia
Intermediate

SKILLS

Programming Languages:

c++, Matlab, JavaScript, HTML/CSS, G-code, VHDL,
PLC Ladder, python, OpenCV

CERTIFICATES

- **Certified SOLIDWORKS Associate**
Dassault Systèmes Certified SOLIDWORKS Associate in Mechanical Design
- **Innovate Malaysia Design Competition**
IMDC 2021 ([Click to view badge](#))
- **Nasa Space Apps Challenge 2020**
Hackathon

PROJECTS

- **Autonomous Wheeled Robot** (8/2021 - Present)
PSoC microcontroller robot equipped with colour detection, object detection, and obstacle detection
- **IoT Based Automated System** (12/2020 - 4/2021)
Utilised Microsoft Azure to remote control watering system using Raspberry Pi
- **Automated Plantation System** (8/2019 - 11/2019)
PLC controlled automation with capability to self seeding and watering using pneumatic

INTERESTS

- R&D
- Artificial Intelligence
- Automation
- Smart Home / System
- Robotics
- Solar Energy
- IoT