

# Tan Zitang

Motivated Mechatronics Engineering graduate with a strong foundation in the principles of mechanical and electronic systems. Eager to apply academic knowledge and hands-on experience to contribute to innovative projects and solutions in the field. Proficient in designing, testing, and maintaining automated systems, with a keen eye for detail and a passion for problem-solving. Additionally, I have a deep love for coding, particularly in the realm of AI and machine learning, where I enjoy exploring new algorithms and techniques. Strong communication and teamwork skills developed through collaborative projects and internships. Seeking opportunities to leverage my technical expertise, adaptability, and a commitment to continuous learning in a dynamic engineering role.

★ tanzitang2000@gmail.com



KAJANG, Malaysia



+60127220511



in linkedin.com/in/tan-zitang-86b573278? lipi=urn%3Ali%3Apage%3Ad\_flagship3\_profile\_view\_base \_contact\_details%3BLrdKiQo%2FROqhxUoEmz5Qdg%3D

## **EDUCATION**

# **Bachelor of Mechatronics Engineering with** Honours

Universiti Tunku Abdul Rahman

01/2020 - 12/2023

Final CGPA 3.1752

Courses

- Skilled in multiple programming languages (C++, Python, HTML, CSS).
- Proficient in using AutoCAD and SolidWorks to design and model mechanical components, demonstrating a strong foundation in mechanical design.
- Hands-on experience in CNC machining and 3D printing, enabling the conversion of design concepts into precise physical prototypes.
- Keen interest and knowledge in soft robotics, contributing to a growing field with applications in various industries.
- Familiarity with micro electro-mechanical systems (MEMS), a crucial technology in miniaturized devices, sensors, and actuators.

#### WORK EXPERIENCE

#### Internship

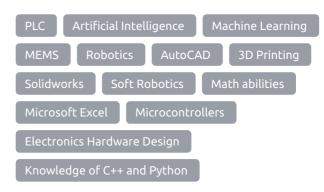
Huawei Technologies (Malaysia) Sdn. Bhd.

10/2022 - 01/2023

Achievements/Tasks

- Assisted mentor on antenna designation and prepare quotation of links between antennas.
- Assisted mentor in managing communication with clients and colleagues from various departments.
- Attend meetings with project manager and clients for updating progress.

# **SKILLS**



## **PROJECTS**

#### Mechatronics System Design (06/2023 - 10/2023)

- Built a prototype for certain desired purpose based on 3D printer concept.
- Learned about implementing drivers and electronic devices.
- Understand the mechanism of the prototype.

#### Soft Robotics (FYP) (01/2023 - 10/2023)

- Built a soft robot prototype for maneuvering in tight spaces.
- Understand the knowledge of soft robotics.
- Learned about implementing microcontrollers such as Arduino.

## **LANGUAGES**

English	•			
Chinese	• •			
Malay	• •			0
Cantonese	• •	•		
German	• •	0	0	0

#### INTERESTS

-Playing piano

-Coding