





CHIN CHENG HUI
Mechatronics Student

CONTACT
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LANGUAGES

- English
- Bahasa Melayu
- Mandarin
- Cantonese
- Hakka Chinese

HOBBIES

- Travelling
- Gym
- Swimming
- Badminton
- Football

**Health screening device
(Frontline-19)**



ABOUT

Dedicated and self-motivated Mechatronics Engineering student with at least 1.5 years of robotics practical experience in the laboratory of UTM Robocon. Highly committed to continually enhancing my skills and effectively communicating with others. A strong team member with the ability to work independently, as well as within a division. Looking for the opportunities to learn and further develop soft skills that will be needed in the future.

WORK EXPERIENCE

Internship on a Drone Project (Current)

Universiti Teknologi Malaysia - UTM, Skudai

Solidwork Design, 3D printings, embedded control and programming

2 Years of Volunteering Internship in Robocon

P10 Robotics Lab - Faculty of Electrical Engineering, UTM, Skudai

Robot programmer in programming department

Shop Management Trainee (2018)

Joy Snacks Food & Beverage Company - Ipoh, Perak

ShopAssistant

EDUCATION

Bachelor of Electrical Engineering Major in Mechatronic (2018 - 2022)

Universiti Teknologi Malaysia - Skudai, Johor

CGPA : 3.82

STPM in Science Stream (2016-2017)

SMJK SAM TET - Ipoh, Perak

CGPA : 4.0

SPM in Science Stream (2013-2015)

SMJK SAM TET - Ipoh, Perak

GRADE : 9As

AWARDS AND ACHIEVEMENTS

- Best Performing Group in Industrial Crane Simulation Project 2021 - Malaysian Simulation Society
- Health Screening Device Project (Frontline-19) - Covid-19
- National Champion of Malaysia University Robotics Competition (UROCK - 2019)
- National 1st Runner-Up of Robocon Malaysia (2019)
- Champion of The Great Lab (TGL) Project Funding Program (2020)
- Champion of The Great Lab (TGL) Crest Summer Workshop (2019)
- Second Runner up of Smart IEEE-FYE Robotics project (2018)

SKILLS

- Determination and Persistence
- Hard Working
- Teamwork
- Ability to Accept and Learn From Criticism
- Flexible and adaptable
- Clear Communication Skills
- C Programming
- Python
- Solidworks
- Arduino IDE
- MPLAB
- Atollic TruStudio IDE
- Matlab
- Android Studio
- National Instrument (Multisim)
- Pycharm
- Atmel Studio
- AVR simulator
- Intel Quartus Prime
- LabView
- Video Editing (Filmora)



2 years of my
learning
journey in UTM
Robocon

REFERENCES

Prof.Madya.Ir.Dr.Mohd Ridzuan bin Ahmad

Team Manager in UTM Robocon

mdridzuan@utm.my

+60137612778

EXTRA-CURRICULAR ACTIVITIES

Learning and Practicing of Robotics at UTM ROBOCON TEAM

OCT 2018 - OCT 2020

Program and Development:

1. Team Robot Development Program 2019/20
2. Team Recruitment Program 2019/20
3. Malaysia University Robotics Competition (UROCK - 2019)
4. Robocon Autocar Competition 2019
5. Robocon Autocar Mentorship Sessions 2019
6. Robocon Autocar Workshop 2019
7. Web Development Workshop 2020
8. ABU Robocon Malaysia Competition 18/19
9. Junior Internal Robot Competition 2020
10. Robot Gimmick Jom Masuk IPT Opening Ceremony 2020
11. IMPOWER 2019 - Iskandar Regional Development Authority (IRDA)

Aug 2019 - Oct 2020

Vice President of Talent Management

- Understand the personality, passion, strengths and weaknesses of the member
- Responsible to build good relationship among the members
- As a consultant/listener to the members
- Administration of taking leave policy and record
- Implement English as the common language among the members from various countries
- Responsible for senior retirement ceremony 2018/19 and welcoming junior ceremony 2019/20

Dec 2018 - Oct 2020

Robot Programmer in Department of Programming

- Robot programmer and operator of robotics competitions
- Contribute ideas in robot design brainstorming session
- Learn and develop programming skill especially in C language
- Explore and keep learning about mechanism and electronics
- Troubleshooting skill in electronics and programming
- Critical thinking in the algorithm of robot programming
- Completing the task assigned from the head of the department
- Responsible for the robot knowledge transition to the junior robot programmer
- Further development of the robot code library

Developer Student Club (DSC) at UTM

NOV 2019 - MAY 2020

Committee of Android Department in UTM DSC

- Learn Java & Kotlin programming language
- Build Basic Android Apps
- Facilitator and organizer of Android Workshop in UTM

Senior Member in UTM DSC

- Give full cooperation to the UTM DSC Leads
- Suggest Idea and opinion
- Participation in DSC Workshop
- Actively attend every meeting