

Abdul Muhyi Bin Faidzuli

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<https://kurumin03.github.io/> | <https://kurumin03.github.io/>



EDUCATION

Ritsumeikan University, Biwako Kusatsu Campus

Degree In Robotics

Shiga Prefecture, Japan

April 2024 – March 2026

- **CGPA:** 3.58
- **Coursework:** Actuators, Applied Mathematics, Process Engineering, Statistics, Robot Vision, Measurement Engineering, Numerical Computation, Sensor, Science for Intelligence, Electrical and Electronic Circuits, Computer Programming, Exercises in Robot Design, Experiment in robot creation

Universiti Kuala Lumpur, Malaysian France Institute

Diploma In Mechanical Engineering

Bangi, Selangor

July 2021 – February 2024

- **CGPA:** 3.58 (Dean's List 4 time)
- **Coursework:** Mathematics, Physics, Chemistry, Control Theory, Mechanical Instrument, Thermodynamics, Information Processing, Mechanical Vibration, Fluid Mechanics, Mechanics of Materials, Machine Design, Engineering Ethics, Mechanics and Machine Elements

LEADERSHIP EXPERIENCE & ACTIVITIES

SMK Agama Kedah Librarian Organisation

Leader of the cleanliness biro

January 2017 – December 2020

- Assisted the Teacher in charge with closing and opening of the library to ensure that the library is clean.
- Organise and plan regular meetings with the librarian under my biro to ensure that everything is in order.

Bulan Sabit Merah Malaysia (BSMM)

Treasurer BSMM

January 2019 – December 2020

- Participated in multiple events organised by the BSMM Organisation and carried out multiple responsibilities as the treasurer to ensure the club is active.
- Participated in marching and was able to lead the team into winning third place during national BSMM camping.

INTERN

NICHIAS FGS SDN. BHD.

Intern

August 2022 – October 2022

- Played a key role in supporting the technical and maintenance team by actively participating in repair and maintenance tasks.
- Implemented new safety rules for gas meters within the production process, contributing to improved safety measures.

ADDITIONAL SKILLS

Computer skills: Microsoft Office (Excel, Powerpoint), Canva, Coding (C language, python, C++, Html, CSS, Javascript), Web designing, Photo and video editing (Photoshop), Matlab, Fusion360, Autocad, Solid Edge

Instrumental Skills: Lathe Machine, Milling Machine, Drilling Machine

Languages: Malay (Native), English (Proficient), Japanese (Proficient)

Certifications: N1 Japanese Language Proficiency Test (JLPT), Fundamental Information Technology Engineer, TOEIC (965 score), Aws Cloud Practitioner

RESEARCH

Humanoid Systems Laboratory

Title: Reconfigurable Robot

April 2025 – March 2026

- Created a simulation using Rapidly expanding Random Tree and A* search algorithm to solve inverse kinematics
- Created a new way of solving search algorithm to lessen time needed for solution