

Nawwar Khalidah Mohamad Jafar



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SUMMARY

A recent graduate with Degree in **Mechanical Engineering Technology (Machining)** at Universiti Malaysia Perlis (UniMAP). Equipped with foundation knowledge and practical in **Conventional Machining, CNC Technology, Modern Grinding Technology, Workshop, Milling/Turning** and **Injection Moulding**. Entry level skilled in performing and reviewing the design, process and drawing by using various manufacturing tools and software for example **AutoCAD, SolidWorks, and Autodesk Moldflow**. I have completed my degree internship in **aerospace industry** with early exposure in learning the process flow of **A220 aircraft** and collaborating with production team on **A220 assembly**; experience in **NADCAP** special process requirements; extracting and simplifying instructions from drawings; utilising **SAP ERP** for BOM creation and material routings and assisting engineering leader in data analysis and providing recommendations. I have completed my diploma internship in **automotive industry** with exposure in components **quality inspection**, hands-on and gained extensive early exposure in **stamping die industrial project and its operation**. I have also successfully completed a comprehensive certification program in Confectionery and Bakery, while also gaining experience as a part-time Assistant Doctor in a dental clinic, assisting doctors in various medical procedures, examinations, documentation, and treatments. Participating in a Japan culture exchange student for A3I Short Exchange Mobility program 2023.

EDUCATION

Bachelor of Mechanical Engineering Technology (Honors) (Machining)

2019 – 2023

Universiti Malaysia Perlis (UniMAP), Malaysia

FINAL YEAR PROJECT: Using Taguchi approach for investigating mechanical properties of recycled carbon black reinforced Polypropylene (PP) and Acrylonitrile Butadiene Styrene (ABS) for injection moulding application.

Diploma in Mechanical Engineering

2016 – 2019

Politeknik Nilai, Negeri Sembilan, Malaysia

SKM 2 Confectionery & Bakery

Jan 2016 – June 2016

GIATMARA Kelana Jaya

WORK EXPERIENCE

ADVANCED AIR TRAFFIC SYSTEMS (M) SDN. BHD.

Sep 2023 – Recent

Protégé (8 months)

- Provide a high level of administrative support to the Sales & Marketing Team.
- Assists in designing creative business segment projects using several graphic design programs including cover ideas for prospective business proposals, proposal supporting materials, presentations, brochures and mailers.
- Established administrative processes to assist in managing and organizing projects and tasks.

Internship (6 months)

- Carrying out the task assigned by supervisor (Manufacturing Engineer).
- Learning how to make process flow for A220 aircraft.
- Working closely and learning with production team on assembly main part for A220 Airbus with supervision from the supervisor.
- Using SAP ERP document control system for BOM creation, material routings and upgrading condition of supply (COS).
- Assisting engineering leader by participating in performing data analysis on trial drilling and providing recommendation to improve efficiency, quality, and cost.
- Experience in NADCAP special process requirement (qualification for shrink fit).
- Complete monthly training for AutoCAD, Microsoft Office and practical assigned by supervisor.

SURIA COMPONENT MANUFACTURING SDN. BHD**Nov 2018 – Mar 2019**

Internship (3 months)

- Completed the task assigned by supervisor (Quality Engineer).
- Learned about how to make confirmation on quality inspection for automotive components using quality inspection tools.
- Involved and doing quality inspection in **PERODUA** automotive components part.
- Update daily reject list for stamping part.
- Worked closely and learned how to operate the stamping machine, troubleshoot and maintenance the systems and machinery under supervision from the supervisor and team leader.
- Engaged in new stamping die manufacturing projects together with the quality and maintenance department.

KLINIK PERGIGIAN EZHANY**Aug 2019 – Sept 2019**

Assistant Doctor

- Handled administrative duties include scheduling patient appointments, sending invoices, and preparing reimbursement paperwork.
- Assisted dentist with various dental procedures such as teeth cleaning and making dentures.
- Acquired knowledge regarding various types of dental tools and equipment, as well as the proper techniques for passing instruments to the dentist.
- Learned how to make mold and fabricate a temporary crown.
- Ensure the office is clean and make sure all equipment is sterile daily before use.

ACHIEVEMENT

- Best presentation award - A3I Short Exchange Mobility program 2023 in Japan
- Best project award - A3I Short Exchange Mobility program 2023 in Japan
- Certificate of academic excellence - Bestari's Award semester 1 and semester 2 2021/2022
- Certificate of academic excellence - Semester 2 2019/2022

EXTRA CO-CURRICULUM ACTIVITIES

- Culture Exchange Student, 26 February 2023 – 12 March 2023 for A3I Short Exchange Mobility program 2023 in Japan
- Young Officer on Reserve officer Training Unit (ROTU) (UniMAP) Accredited by Agong (2019-2022)
- Participate Sidang Komander Askar Wataniah (SKAW) event in UniMAP (2022)
- Participate in Annual Training Camp PALAPES (2019-2022)
- Reserve Officer Training Unit (ROTU) Committee member (2020-2021)
- Participate in Karate competition, Co-curricular club (2017)
- Netball match competition (Representing Mechanical Engineering Department) (2017)
- Mechanical Engineering Committee member (2017-2018)