



As an aspired graduate in Bachelor of Aerospace Engineering (Hons) from International Islamic University Malaysia, I am eager to be an integral part of dynamic team that can realized my potential. I am committed to continuous learning, possess strong comprehension abilities, and excel in interpersonal communication with colleagues.

WORKING EXPERIENCE

CAMO PROTÉGÉ (Technical Record)

July 2023 -

Galaxy Aerospace (M) Sdn. Bhd.

Feb 2024

- Successfully maintained and updated technical records for 4 aircrafts, ensuring compliance with regulatory requirements
- Streamlined and simplified the processes for updating records and tracking components, leading to a substantial reduction in errors due to redundancy and a 30% boost in administrative efficiency

INTERNSHIP

RESEARCH ASSISTANT

July 2022 -

Universiti Sains Malaysia (USM)

Oct 2022

- Prepared framework for a project titled 'Analysis of nano additive potential application in bio-jet fuel'
- Designed and simulated a combustion chamber for validation with 93% accuracy using SOLIDWORKS and ANSYS Fluent

EDUCATION

BACHELOR OF AEROSPACE ENGINEERING WITH HONOURS

Feb 2018 -

International Islamic University Malaysia (IIUM)

July 2022

- FYP: Effect of expansion level in a suddenly expanded flow. Employed Design Modeler from ANSYS Fluent to model Converging-Diverging (CD) nozzle with enlarged duct and cavity.
- Performed Computational Fluid Dynamic (CFD) analysis on the effect of cavity towards base pressure with varying Nozzle Pressure Ratio (NPR), duct diameter, and L/D ratio for Mach number 1.6 and area ratio 2.89
- Sponsorship sub-committee for Cekak Hanafi Festival
- Participated in Wajadiri Silat National Level 2018
- CGPA: 3.1

FOUNDATION OF ENGINEERING AND SCIENCE

COMPUTER

July 2016 -

Centre for Foundation Studies IIUM (CFSIIUM)

Dec 2017

- President of Seni Silat Cekak Hanafi Society, Gambang Campus
- Participated in Wajadiri Silat National Level 2017
- CGPA: 3.4

MUHAMMAD AMMAR RUSYDI BIN ROSNIN

04/06/1997 – 26YO

B2&D License

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STRENGTH

- Friendly
- Motivated
- Strong work ethic
- Detail-oriented

HARD SKILLS

- Microsoft Office (Intermediate)
- Solidwork (Basic)
- MATLAB (Basic)
- ANSYS Fluent (Basic)
- Aeronet (Basic)

SOFT SKILLS

- English Speaker (Intermediate)
- Time Management
- Problem-solving
- Adaptable
- Teamwork

REFERENCE

1. Prof. Dr. Sher Afghan Khan
IIUM Professor
sakhan@iium.edu.my