Nur Liyana Sabrina

liyanasabrina99@gmail.com **|** 017 650 0360 **|** Ampang, Selangor

Committed Bachelor Aerospace Engineering final year students who is eager to learn and experience various skills in the engineering field. Seeking to apply for a job to gain more knowledge and training for future career.

WORK EXPERIENCE

JULY 2021

Galaxy Aerospace (M) Sdn. Bhd (GAM)

CAMO INTERN

Internship trainee at GAM in Continuing Airworthiness Management Organization (CAMO) department under Technical Publication section.

- Extracted information from Airworthiness Directive (AD) and Service Bulletin (SB) for Publication Register
- Evaluated internal and external publication documents
- Analyzed 'Raise TIC' workflow for internal and external publication

EDUCATION

2017-2018

Foundation in Engineering

UITM DENGKIL

- CGPA: 4.00
- MUET: Band 4

2018-2022

Bachelor of Aerospace Engineering

UNIVERSITI PUTRA MALAYSIA (UPM)

- CGPA : 3.776

SKILLS

- Malay and English (Good)
- Microsoft Office (Intermediate)
- Solidwork (Beginner)
- CFD (Beginner)
- Python (Beginner)

- MATLAB (Beginner)
- Detail-oriented
- Time management
- Teamwork
- Adaptability

PROJECTS

2022

STABILITY ANALYSIS OF CYFLAP USING CFD

Study on the stability of side-by-side arrangement of double rotating cylinders (Cylinder-FlatPlate-Cylinder (CyFlaP)) due to the generation of Magnus effect. The lift produced on the flat plate from the ejected flow behind the ducted fan is designed and analyzed in CFD for the purpose of countering the pitching moment induced by the CyFlap.

2021

CFD SIMULATION OF HYBRID AIRSHIP

Performed the numerical study of the flow around the finless airship. The 2-dimensional shape of the bare hull within the C-shape domain is simulated and analyzed to obtain the aerodynamics parameters.

2021

CFD SIMULATION OF COVID-19 PARTICLES IN THE LUNG

A study on the comparison between a healthy and unhealthy lung due to Covid-19 particles injection. Designed, simulated and analyzed the air flows and particles flows in human lungs from the effects of Covid-19 particles deposition

2019

FINDING SHORTEST FLIGHT ROUTE USING PYTHON

Programmed a python code to determine the shortest aircraft flight route from one airport to another according to the list of airport's coordinates

REFERENCES

PROF. MADYA DR. NORKHAIRUNNISA BT MAZLAN - ACADEMIC ADVISOR
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DR ADI AZRIFF BASRI - SENIOR LECTURER
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