

Nur Adlina Bt. Mohd Nazri

+60189031838

n.adlinanazri@gmail.com

www.linkedin.com/in/adlinanazri



WORKING EXPERIENCE

FAAS Engineering and Consultancy Sdn. Bhd. | Intern

August 2021 - October 2021

- Assisted in organising the document.
- Participated in the development of a new aircraft structural design manual.
- Studied and analysed the various aircraft design manuals.

Warung Kurnia Ibu (WKI) | Financial Manager

September 2019 - March 2020

- Managed the money flow and budget of the organisation.
- Organised and handled the employees' salaries and employment.
- Checked the stocks and restocked the items.
- Communicated with the suppliers and clients.

EDUCATION

Universiti Putra Malaysia | B.Eng(Hons) Aerospace

September 2018 - September 2022

- CGPA - 3.194

Universiti Putra Malaysia | Foundation in Agricultural Science

September 2017 - October 2018

- CGPA - 3.1

SMK Sultan Ibrahim Satu | Pure Science Stream

January 2015 - December 2016

- SPM 2016 - 7A, 2B

PROJECT AND RESEARCH

Implementation of Augmented Reality in Aerospace Industry (Final Year Project)

October 2021 - August 2022

- Designed and developed an augmented reality application for Android
- Analysed and studied the repair manual for Boeing 737 - Section 44, Chapter 53.
- Developed the marker-based and markerless AR repair manual's instructions.
- Consulted with Malindo Air's staff for the details of developing the app.

Hybrid Airship UAV - Integrated Design Project

October 2021 - January 2022

- Designed and created the UAV with the concept's idea by combining the air balloon and drone function.
- Analysed the fluid dynamic of UAV using ANSYS.
- Develop the airship with the purpose of carrying the crop sprayer.
- Involved in analysing and organising the project materials by using Gitlab, VisualCode, SolidWorks, ANSYS and Microsoft Excel.

SUMMARY

A fresh graduate with Bachelors of Aerospace Engineering (Honours), who is ambitiously seeking an entry-level job opportunity and a place to leverage knowledge in the industry. Areas of interest include sustainable engineering, machine learning and software development. Very comprehensive with each task assigned, prioritises quality over quantity and is able to work under challenging situations and tight deadlines.

SKILLS

- Python 3,0
- MATLAB
- Microsoft Visual Code
- Arduino
- Catia V5
- Solidworks
- Android App Development
- CNC Machining
- Microsoft Office
- Propulsion Analysis
- CFD Analysis
- Structural Analysis
- Project Management
- Teamwork

LANGUAGES

- Malay - Fluent
- English - Fluent

CURRICULUM

Red Crescent Malaysia (BSMM C UPM) | Vice Secretary II

September 2018 - February 2021

- Managed Blood Donation Programme for UPM on 2018 and 2019.
- Handled a natural disaster aid and rescue operations camp
- A member of Malaysian Red Crescent. ID: 10-147-28209

PROJECT EXPERIENCE

CFD Simulation of Covid-19 Particle In The Patient's Lungs.

October 2021 - January 2022

- Assisted in designing a 3D lung model using Solidworks.
- Simulated the Covid -19 particle using ANSYS.

Fixed-Wing UAV Flight Dynamic and Stability Analysis

October 2021 - January 2022

- Studied the WAAPI UAV in flight dynamics and stability
- Analysed the UAV performance using MATLAB and XFLR5.

Image Data Analysing of Borneo Island

October 2020 - February 2021

- Worked on the University of Stuttgart's Flying Laptop satellite payload data for Borneo Island.
- Analyzed MICS images consisting of Normalized Difference Vegetation Index (NDVI), False-Colour Images (FCI), META and RAW images using Python programming.

Hybrid Renewable Energy

October 2020 - February 2021

- Proposed a new idea for a renewable energy project by combining solar energy and pressure energy by rain (piezoelectric).
- Develop a video simulation and designed the model using Photoshop and Canva.

Can Satellite: Carbon Dioxide Percentage Detector

September 2018 - January 2019

- Designed and developed a can satellite which can detect the carbon dioxide percentage.
- Programmed the system using Arduino Kit.
- Analysed the carbon dioxide percentage within the range Faculty of Engineering and Tenth College, UPM.

REFERENCE

DR. AHMAD SALAHUDDIN B. MOHD HARITHUDDIN

Academic Advisor

Department of Aerospace,
Faculty of Engineering,
University Putra Malaysia
HP: +603-89466401
Email: a_salahuddin@upm.edu.my

DR. ADI AZRIFF B. BASRI

Industrial Training Coordinator

Department of Aerospace,
Faculty of Engineering,
University Putra Malaysia
HP: +6013-7548944
Email: adiazriff@upm.edu.my