

WORK EXPERIENCE

Office Assistant | Dec 2017 – March 2018

Commissioner for Oaths Star Avenue, Subang Bestari

Assisted the applicants of Kasih Ibu Smart Selangor (KISS), increase efficiency in general paper works and provide quality customer service

VOLUNTEER EXPERIENCES

Secretary for Teenage Empowerment and Advocacy Movement (TEAM 2.0) | 2021

Documentation of TEAM 2.0 which aims to educate and increase awareness among teenagers on social issues

PROJECT EXPERIENCES

Research and Development Officer for Engineering Team Project | 2021

Create and develop a design solution for solving engineering problems in line with the Sustainable Development Goals (SDG) issued by United Nations (UN)

Project Manager for Wind Tunnel Design and Application | 2021

A report on the theoretical applications and computational techniques of a wind tunnel through desktop research

Research Officer for Designing a Hydro Cooling Unit | 2021

Design a hydro cooling unit to cool fruits and vegetables given the operating conditions

Research Officer for Application of Finite Element Method (FEM) to Assess Stresses on a Cantilever Beam | 2020

A study on the stresses, methodology and behavior of the beam using Finite Element Method

REFERENCES

Dr Hilmi bin Hussin

Academic Advisor

Mechanical Engineering

Department UTP

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Dr Dimas Bayu Endrayana

Engineering Team Project

Supervisor

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NUR ALYA HANNANI BINTI ROSLAN

PROFILE

A highly capable and diligent Mechanical Engineering student looking for an internship from January 2022 to August 2022 to gain new skills and experience in the engineering field. Eager to learn and has a clear vision of her goals. Dedicated to prioritizing and completing multiple tasks simultaneously, delivering high-quality results, and has a great interest in sustainable engineering development.

EDUCATION

Bachelor in Mechanical Engineering (Hons.) | 2019 – Present

Universiti Teknologi PETRONAS
CGPA █████/4.00

Foundation in Physical Sciences | 2018 – 2019

Universiti Malaya
CGPA █████/4.00

Sijil Pelajaran Malaysia | 2013 – 2017

SM Sains Sabah
SPM 9As

ORGANIZATIONS AND INVOLVEMENTS

Head of Administration Department for EVEX Club UTP | 2020 - 2021

Management of all documentation and paper works of Event Experts Club providing event management services and consultancy

Head of Adjudication Department for 43rd Science and Engineering Design Exhibition (SEDEX43) | 2020

Organize and run the evaluation process to determine participants' grades and selecting the winners of the exhibition

Committee of Human Resources and Management Department for UTP Giving Day | 2020

A canteen day that acts as a platform for community engagement projects to raise funds for various causes

Committee of Ceremony and Protocol Department for Festival of Colours of the World | 2021

An annual dance competition celebrating cultural differences and heritage all over the world

Committee of Adjudication Department for 42nd Science and Engineering Design Exhibition (SEDEX42) | 2019

Supporting committee in handling the judges' invitation, registration and evaluation process

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📍 Bandar Baru Bangi, Selangor

in linkedin.com/in/alya1011/

LANGUAGES

Malay	Native
English	Proficient
Korean	Elementary
Chinese	Elementary

TECHNICAL SKILLS

Programming Languages

C, C++, Python

Engineering Software

AutoCAD, Autodesk
Fusion360, CATIA V5,
ANSYS

Microsoft

Office, Words, Excel,
PowerPoint

Others

Videography, Photography,
Video Editing, Graphic
Design

SKILLS

Adaptability

Able to adapt well to new environments

Collaboration

Great in socialising with others and accepting differences

Critical Thinking

Applying critical and systemic thinking in finding solutions

Comprehension

Understand in detail and within the right context