



SITI NURFAQIHAH BINTI AZHARI

A third-year chemical engineering student from Universiti Teknologi Petronas with strong leadership skills and motivation. I am a passionate and driven person that capable of completing tasks within a scheduled time frame who is also recognized as an outgoing and flexible person when working in a team.

CONTACT



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OBJECTIVE


A chemical engineering student who currently seeking for internship opportunity for January - August 2021 (8 months) to build up skills and experience the chemical engineering fields.

REFERENCES

Haslinda bt Zabiri, PhD (Associate Professor),
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EDUCATIONS

Bachelor of Chemical Engineering with Honours

Universiti Teknologi Petronas, Perak

2018 – Present

CGPA: 3.61/4.00; Dean's List

Awarded Dean's List for 4 semesters.

Related coursework

- Process Safety and Loss Prevention
- Environmental Chemical Engineering
- Data Analytics
- Process Instrumentation and Control
- Reaction Engineering (I & II)
- Process Modelling and Simulation
- Separation Process (I & II)
- Chemical Engineering Thermodynamics (I & II)

Foundation of Engineering in Chemical Engineering

Universiti Teknologi Petronas, Perak

2017 - 2018

Graduated with CGPA of 3.65/4.00; Dean's List

Sijil Pelajaran Malaysia (SPM)

Sekolah Tun Fatimah, Johor

2012-2016

Received 9A's for SPM

AWARDS AND ACHIEVEMENTS

TAZU Academic Excellence Incentive Award 2019

2nd October 2019

An award given to excellent student who excel in previous semester with obtaining Dean's List with GPA of 3.65 and above.

UTMBridge 2015

April 2015, Won Silver Award

A competition that required the student to build a bridge model that able to withstand a certain weight.

LANGUAGES

- Full professional proficiency in Bahasa Melayu and English
- Limited working proficiency in Japanese and French

VOLUNTEER EXPERIENCE

Down To Earth

July 2017 – October 2017

- Helping refugee students in Kuala Lumpur
- Did a few activities with the students using the money obtained from the fundraising.

Petronas CSR Programme

December 2018

- Held at Zoo Negara Malaysia
- Did some cleaning activities inside some animal cages.

SKILLS

Programming Languages

Python, Dev-Pascal, CSS, HTML, JavaScript

- Able to apply and use when completing project related to programming languages.
- Familiar with the programming code

Software

MATLAB, ICON, Wondershare Filmora, Microsoft Office (Excel, Word, Outlook, Powerpoint), Canva, SketchUp

- Frequently used in completing tasks
- Familiar with the function of software

Others

Entrepreneurship, Professional Communication Skills, Scientific Inquiry

ACADEMIC PROJECT

Engineering Team Project: Smart Car Ventilation System

June 2020 – August 2020

- An innovation created based on 3rd SDG: Good Health and Well-Being.
- Created a system that able to measure the concentration of carbon monoxide inside a vehicle and to generate an automatic response that able to reduce the gas concentration.

Catalytic Reforming of Naptha

June 2020 – August 2020

- Prepared a detail catalyst screening and reaction mechanism involved which include several catalyst properties based on sources.
- Determined and designed a reactor that involved in the process by considering process parameters and catalyst properties.

Steam Methane Reforming (SMR) Technology

January 2020 – April 2020

- Studied and prepared a detail reaction mechanism involved in the process which include type of reactor and catalyst used.
- Calculated the optimum catalyst weight and reactor sizing that can optimum the production of hydrogen per year.

Methanol Production Plant Design

September 2019 – December 2019

- Prepared a block diagram to summarize the process involved in the methanol production.
- Calculated and simulated the parameter of the reactions to achieve targeted methanol production using ICON simulation.
- Calculated the vapor-liquid equilibrium (VLE) under certain conditions.

LEADERSHIP/ EXTRACURRICULAR ACTIVITIES

Assistant of Head of Department of Activities and Management Department for WebX (September 2020 – Present)

- Conducted some pre-event and main event activities for the virtual programme.
- Assisted the members in the department in completing tasks.

Member of Corporate Relation for UTP Griffin Esport Club (January 2020 – Present)

- Succeed in holding the first annual grand meeting with 70% attendance.
- Managed the registration session and attendance database.

Member of Ceremony and Protocol Department for Youth Cleanup Day 2020

- Organized the closing ceremony and in charged for the gimmick session.

Assistant of Head of Department of Public Relation for Festival of Music and Art 2019 (FESMA)

- Organized the participant of the clubs and the performances.
- In charged for the participant from outside organization.

President of Cooperative and Consumer Club (2016)

- Managed the meeting of school cooperative board members.
- Led some activities for the clubs such as annual stock calculation, purchasing session during registration day and cleaning activities.