



# Muhammad Farees Aiman bin Azmi

*"Proactive and self-motivated individual looking to be part of an organization to contribute towards the advancement of the company while enhancing the knowledge and experience gained"*

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## EDUCATION

2012 - 2017

### UNIVERSITI TEKNOLOGI PETRONAS

- + Bachelor of Engineering (Hons) Chemical Engineering
- + CGPA: 3.17

2007 – 2011

### SMKA SHEIKH ABDUL MALEK

- + Sijil Pelajaran Malaysia (SPM): 9A
- + Penilaian Menengah Rendah (PMR): 9A

## INTERNSHIP

Jan 2016 – Aug 2016

### PETRONAS CHEMICAL MTBE

- + Working in the Technical Service Department under Process Safety Management Section.
- + Exposed with the layout and the equipment of the plant.
- + Exposed in a real working environment and work organization.
- + Learned the process flow of the plant and the PFD and P&ID.
- + Collaborates with the process team in the plant for safety process in the plant.
- + Involved in the plant's shutdown and turnaround
- + Develop a COP SOL database to monitor the process parameter in the plant using Microsoft Excel.

## CO - CURRICULAR

2015

### RECONSA 2015

- + Regional Conference On Student Activism
- + Head of Business Department.
- + Responsible for the project's roadshow.
- + Head committee for the futsal tournament.

2014 – 2017

### SUSWG

- + Sustainable Group Work
- + Active member from 2014-2017
- + Notable projects : Camp building in Perak & Raja Muda Forest Trip (Selangor)

2012 – 2017

## PROJECTS

### SPORTS TOURNAMENTS

- + Active sports participant
- + Futsal, Kayaking, Badminton

### FINAL YEAR

- + Title : Synthesis of ammonium base ionic liquid as lubricant application.
- + Replacing conventional lubricant due to its negative impacts to the environment and its limitation in a certain areas.
- + Undergo synthesis, characterize and test of ionic liquid as lubricants.
- + Use of viscometer, refractometer, Karl-Fischer titrator.

### PLANT DESIGN PROJECT

- + Title : Styrene monomer plant.
- + Design a styrene monomer plant.
- + Develop PFD, P&ID, HAZOP Analysis, Water treatment process, Cost Analysis and Heat integration.

### ENGINEERING TEAM PROJECT

- + Title : Green Door.
- + Develop a green door, which will turn off the electricity when no one is in the room.
- + To reduce electricity cost and usage, as one way to save our natural resources and achieving sustainability.

## PROFICIENCIES

Language: English, Bahasa Melayu  
Computer Skills: Microsoft Excel, Word, PowerPoint, Aspen HYSIS, MATLAB, AutoCAD, DEV Pascal, DEV C++.

## REFEREES

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