



# Nur Syahierah Mohd Zahir

## Chemical Engineering

Seeking a position in the field of engineering that provides me an opportunity to develop my skills, enhance my knowledge on chemical engineering process and to be part of the team that works dynamically towards the growth of organization



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No. 14, Lorong 20, Taman Gurun  
Jaya, 08300 Gurun, Kedah

## Skills & Competences

### Microsoft Office



### Adobe Photoshop



### C++ Programming



### MATLAB



## Languages

### Bahasa Melayu



### Bahasa Inggeris



### Bahasa Mandarin



## References

En. Mahadi bin Samsudin |  
Senior Operation Engineer  
(Internship Supervisor)

019-4737728

## Work Experience

### Trainee - Production Department Malaysian NPK Fertilizer Sdn. Bhd.

02/2017 - 06/2017

#### Tasks/Achievements

- Monitoring production of mini plant by taking care formulation of raw material that is needed to produce the NPK fertilizer
- Study the differences of hot water and steam installation in the granulation process
- Involve in the research and development (R&D) project on the 'Slow Release Fertilizer'
- Do some maintenance jobs such as cleaning strainer and urea pipe solution

## Academic Projects

### Final Year Project

- Extraction of Cellulose and Nanocrystalline Cellulose from Rice Husk Agro-Waste

### Design Project

- Production of 110 000 MTA of Methanol

## Education

### Bachelor of Chemical Engineering Technology (Hons) in Process University Kuala Lumpur Malaysian Institute of Chemical Engineering & Bioengineering Technology

2013 - 2017

CGPA : 3.17

### Foundation in Science & Technology (FIST) UniKL Kolej Mara Kuala Nerang

2012 - 2013

CGPA : 3.55

### Sijil Pelajaran Malaysia (SPM) Maktab Rendah Sains Mara Langkawi

2007 - 2011

SPM : 6A 3B

## Achievements

### Dean's List Award

Semester 6 and 7

### Championship in Woman's Volleyball

KSSM UniKL Micet and UniKL USSC

### Won Green Innovative Product Award

UniKL Technofest