



#### CONTACT INFORMATION

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#### PERSONAL INFORMATION

ID Number : **931218 – 07 – 5423** Religion : **ISLAM**  
Student ID : **115858** Nationality : **MALAYSIAN**  
Age : **23** Status : **SINGLE**

#### CAREER OBJECTIVE

The main objective of this application is to apply and gain further knowledge/experience and develop the working skill. I also seeking challenging opportunity with an organization where I can utilize my technical skills. I want to contribute to the organization with hard work, sincerity, patience, and dedication.

#### GENERAL SKILL

Operating System : **Window XP, Window 7, Window 8 & Window 10**  
Microsoft : **Microsoft Work, Microsoft Excel, Microsoft Power Point**  
Engineering : **AUTOCAD, MATLAB, Polymath, Aspen Plus V8.0, Design Expert,**  
Related : **C#, C++, ADRUINO, JAVA, JAVAScript, SCADA, HTML**  
Other : **Adobe Photoshop**

#### QUALIFICATION

Level : **BACHELOR'S DEGREE** CGPA : **2.70**  
Program : **CHEMICAL ENGINEER**  
University : **UNIVERSITY SAINS MALAYSIA** Sponsorship : **JPA**

## **EDUCATION BACKGROUND**

**2011 – 2012**

<b>Level</b>	<b>:</b>	<b>MATRICULATION</b>	<b>Program</b>	<b>:</b>	<b>PHYSICAL SCIENCE</b>
<b>College</b>	<b>:</b>	<b>KOLEJ MATRIKULASI PERLIS</b>	<b>CGPA</b>	<b>:</b>	<b>4.00</b>

**2010**

<b>Level</b>	<b>:</b>	<b>SIJIL PELAJARAN MALAYSIA (SPM) 6A ,1B ,2C</b>
<b>School</b>	<b>:</b>	<b>SEKOLAH MENENGGAH KEBANGSAAN TANJONG MAS, KELANTAN</b>

## **PERSONAL TRAITS**

- **Friendly, responsible and well-mannered.**
- **Leadership.**
- **Good interpersonal and communication skill.**
- **Very punctual person.**
- **Easily adaptable to a new environment.**
- **Positive thinker.**
- **Willing to learn and to be corrected, trying to improve self.**
- **Self-motivated.**
- **Courage.**

## **ACADEMIC COURSES TAKEN**

### **Chemical Engineering Cores**

- **ORGANIC CHEMISTRY**
- **CHEMICAL ENGINEERING DRAWING**
- **PHYSICAL AND ANALYTICAL CHEMISTRY**
- **MASS BALANCE**
- **FLUID FLOW FOR CHEMICAL ENGINEERING**
- **ENERGY BALANCE**
- **MASS TRANSFER**
- **COMPUTER PROGRAMMING AND APPLICATION**
- **BIOTECHNOLOGY FOR ENGINEERS**
- **PROCESS HEAT TRANSFER**
- **CHEMICAL ENGINEERING THERMODYNAMICS**
- **MATHEMATICAL METHOD FOR CHEMICAL ENGINEERING**
- **CHEMICAL ENGINEERING LABORATORY I, II & III**
- **TRANSPORT PHENOMENA**
- **CHEMICAL REACTION ENGINEERING**
- **PROCESS DYNAMIC AND CONTROL**
- **ENVIRONMENTAL ENGINEERING AND MANAGEMENT**
- **SEPARATION PROCESS**
- **REACTOR DESIGN AND ANALYSIS**
- **PLANT SAFETY**
- **PLANT DESIGN AND ANALYSIS**

- **WASTE WATER TREATMENT ENGINEERING**
- **PETROLEUM & GAS PROCESSING ENGINEERING**
- **PROJECT MANAGEMENT**
- **ADVANCED PROCESS SAFETY**

#### **Other Engineering Related Subject**

- **ENGINEERING MECHANICS**
- **ENGINEERING PRACTICE**
- **ENGINEERING CALCULUS**
- **ADVANCE ENGINEERING CALCULUS**
- **ENGINEERING IN SOCIETY**
- **ENGINEERING MATERIALS**
- **ELECTRICAL TECHNOLOGY**

#### **WORKING EXPERIENCE**

Company : **MALAYSIAN NPK FERTILIZER SDN.BHD.**

Department : **PRODUCTION DEPARTMENT**

Period : **3 MONTHS**

Description : **In this company I was responsible to record the downtime every day that reported by SS. Then, I also was responsible to calculate plant reliability.**

##### **Duties:**

- **Monthly prepare meeting for production department.**
- **Recorded the downtime plant.**
- **Calculated plant reliability.**
- **Learned prepare product in small scale.**
- **Participating in safety seminar, HIRARC form (Hazard Identification, Risk Analysis and Risk Control).**
- **Responsible to determine problem in unit operation such product sizing.**
- **Isolate working area for safety purposes.**
- **Determine hazards in plant.**

#### **ADDITION INFORMATION**

Driving License : **B2 and D class.**

Transportation : **Available**

Final Year Project : Title : **Adsorbent Film for Softening Hard Water.**  
 Supervisor : **Dr. Suzylawati Bin Ismail.**  
 Description : **This research is carried out mainly to investigate the new approach of using adsorbent film for hard water treatment. A adsorbent film was casted using three major elements which are 1-Methyl-2-pyrrolidon (NMP), polysulfone(PSf) and bentonite.**

## **EXTRACURRICULUM ACTIVITIES**

- Certificate holder of Oil and Gas Induction Courses by ICoE & UTM-SPACE
- Presenter Kolokium Seni Silat Cekak Malaysia 2015 (KoSSCeM '15)
- Winner the Best Paper Work KoSSCeM '15
- President Persatuan Seni Silat Malaysia USM Engineering Campus 2014/2015
- Vice President Persatuan Seni Silat Cekak Malaysia USM Engineering Campus 2013/2014
- Project Director Kolokium Seni Silat Cekak Malaysia 2014 (KoSSCeM 14)
- Project Director Family Day Cekak 2013
- Head Committee of Kelas Teori and Bengkel Kertas Kerja Cekak 2015
- Head Committee of Karnival Sukan Cekak 2013
- Head Committee of Titipan Kasih 2013
- Committee of Program Keselamatan Wanita 2015
- Committee of Hari Interaksi Kimia (KiKeK) 2013
- Committee of Chem-E-Car 2013
- Committee Chemical Night 2013
- Committee of Bakti Siswa Desasiswa Jaya USM Engineering Campus 2012

## **REFERENCE**

**Associate Professor Dr. Mohd Azmier Ahmad**  
**Deputy Dean (Student Affairs & Networking),**  
**School of Chemical Engineering,**  
**Engineering Campus,**  
**Universiti Sains Malaysia, USM,**  
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