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## FARAH WAHIDAH

### OBJECTIVE

My goal is to become associated with a company where I can utilize my skills in chemistry field and gain further experience while enhancing the company's productivity and reputation.

### SKILLS & ABILITIES

- Have an excellent IT skills such as Internet, MS Word, MS Power Point, MS Excel, MS Publisher, ChemDraw Ultra 12.0, Chem3D 12.0, Image J and OriginPro 8.
- Possess in depth knowledge in utilizing laboratory equipment such as UV-Visible Spectroscopy, UV-Fluorescence Spectroscopy, GC-MS, GC-FID, FTIR and HPLC.

### EXPERIENCES

#### TEACHER, PUSAT TUISYEN ANUGERAH

4 December 2017 – until now

- Teach Sciences, English and Bahasa Malaysia subject for Year 3, 4, 5 and 6
- Mark students' exercises and examination papers
- Prepare modules for teaching

#### RESEARCH ASSISTANT, ADVANCED MEDICAL & DENTAL INSTITUTE (AMD), USM

1 April 2016- 30 March 2017

- Perform task given by supervisor
- Develop new extraction techniques for the analysis of organic pollutants and pesticides
- Analyze samples using analytical instruments (FTIR, GC-MS, GC-FID and HPLC)
- Interpret, report and review all the findings
- Plan and implement purchase of chemicals
- Assist supervisor in general administrative tasks

#### TUITION TUTOR, KUMON TUITION CENTRE

August 2015-February 2016

- Teach and guide students in class

- Mark students' classwork, homework and correction
- Prepare and arrange classwork and homework for students
- Response to phone call

**INTERNSHIP TRAINEE, ADVANCED MEDICAL & DENTAL INSTITUTE (AMDI), USM**  
June 2015-August 2015

- Completed a 12-week internship as a trainee at their Integrative Medicine Cluster Laboratory
- Perform task given by supervisor
- Handle analytical instruments (GC-MS, GC-FID and HPLC)
- Completed a project to develop a dispersive micro-solid phase extraction (D- $\mu$ -SPE) for determination of polycyclic aromatic hydrocarbons in environmental water samples by using Gas Chromatography-Mass Spectroscopy (GC-MS)
- Develop new extraction techniques for analysis of organic pollutants
- Project title: Low-Density Solvent-Based Dispersive Micro-Solid-Phase Extraction (LDS-D- $\mu$ -SPE) Followed by Gas Chromatography-Mass Spectrometry (GC-MS) of Selected Polycyclic Aromatic Hydrocarbons (PAHs) in Environmental Water Samples.
- Analyze, interpret and review all the findings
- Plan and implement purchase of chemicals
- Assist supervisor in general administrative tasks

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**EDUCATION**

**MASTER'S DEGREE IN SCIENCE (SEPARATION CHEMISTRY), UNIVERSITI SAINS MALAYSIA**

- Graduated: 2018
- Thesis title: Synthesis and Characterization of Phenyl Functionalized Magnetic Nanoparticles as Sorbent in Micro-Solid Phase Extraction of Polycyclic Aromatic Hydrocarbons and Organophosphorus Pesticides
- Publication title: Ultrasound-Assisted Surfactant Enhanced Emulsification Microextraction Method Coupled with Gas Chromatography-Mass Spectrometry for the Determination of Selected Polycyclic Aromatic Hydrocarbons in Aqueous Samples
- Award: Gold Medal in Penang International Invention, Innovation & Research Design Platform (PIID 2017)

**BACHELOR'S DEGREE IN SCIENCE (ANALYTICAL CHEMISTRY & ENVIRONMENT), UNIVERSITI MALAYSIA TERENGGANU**

- Graduated: 2015
- CGPA: 3.47

- Thesis title: Development of Fluorescence Sensing System for Metal Ions Detection

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**LANGUAGE  
SKILLS**

Malay Language: Good in Speaking and Writing  
English Language: Good in Speaking and Writing

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**REFERENCES****DR. NOORFATIMAH BINTI YAHAYA**

Lecturer, Advanced Medical & Dental Institute (AMDI),  
Universiti Sains Malaysia,  
13200, Kepala Batas, Pulau Pinang.  
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**DR. HAFIZA BINTI MOHAMED ZUKI**

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