



AMER FARHAN BIN ALIAS

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HOME ADDRESS Lot 896 Kg Kekabu Lemal, 17000 Pasir Mas, Kelantan.

CURRICULUM VITAE

PERSONAL DETAILS

NAME : AMER FARHAN BIN ALIAS
AGE : 24 years old
NRIC : 920217-06-5561
EXPECTED SALARY : RM2500.00 (Negotiable)
AVAILABILITY : Immediately

EDUCATION

DEGREE : Bachelor Eng (Hons.) Mechanical Engineering (Automotive)
CGPA : **2.68**
INSTITUTION : Universiti Malaysia Pahang Kampus Pekan
COMPLETED : 2015

Year	Institution	Level	CGPA/Result
2010/2011	Kolej Matrikulasi Pulau Pinang	Matriculation	3.05
2009	SMKA Lati, Pasir Mas	SPM	5A 4B 2C
2007	SMKA Lati, Pasir Mas	PMR	9A
2004	SK Lemal, Pasir Mas	UPSR	5A

MAIN PROJECTS EXPERIENCES

Mechanical System Design
TITTLE PROJECT: ONION AUTO PEELING AND CUTTING MACHINE <ul style="list-style-type: none">An onion peeling machine was designed, manufactured, developed and evaluated to suit the small and medium processing units machine for automatically peeling and cutting the onions, and also can be used to some vegetables and fruits. The cutting and peeling machine consists of a main container, spindle, the cutting session, and two motors.
Final Year Project Research
INVESTIGATION OF FIN SPACING FOR HEAT TRANSFER ENHANCEMENT IN CROSS FLOW OVER TUBES BETWEEN TWO PARALLEL PLATES <ul style="list-style-type: none">This research explains about the investigation of fin spacing for heat transfer enhancement in the finned tube heat exchanger. The objective of this paper is to recommend the optimum fin spacing for heat transfer enhancement. Three different types of tubes (circular, elliptical, and flat) and with three various fin spacings are identified and simulated using Ansys FLUENT software. For the simulation, aligned and staggered tube arrangements were considered.

TRAINING

AUTOMOTIVE INDUSTRY CERTIFICATION ENGINEERING (AICE) PROGRAMME (15th Dec 2015 – 23rd Feb 2016)
A programme organized by Malaysia Automotive Institute (MAI) that train fresh engineering graduates to become competent engineers that are immediate recruit (employable) to the automotive industry and the same time create employment opportunities for AICE participants in automotive industry.

INTERNSHIP

KTNS ENGINEERING SDN BHD

- Specialized in manufactures stainless steel and wrought iron products for both the residential and commercial market such as schools, institutions, factories, restaurants, hotels and public buildings.
- Products manufactured were using two types of welding;
 - i. Tungsten Inert Gas (TIG) welding also known as Gas tungsten arc welding (GTAW)
 - ii. Gas metal arc welding (GMAW), sometimes referred to by its subtypes metal inert gas (MIG) welding or metal active gas (MAG) welding

SKILLS AND INTERESTS

Personal Strengths

- Excellent communication skills
- Self-motivated and ambitious
- Fast problem solving skills and able to work under minimum supervision
- Capable to work well under pressure and work for long hours if needed
- Easily to adapt with the working environment
- Capable of working in a diverse work force
- Detail oriented, flexible, and adaptable
- Excellent ability to adapt to difficult situations

Skills:

Skills	Skills Level
Microsoft Office <ul style="list-style-type: none">• Word, Power Point, Excel, Publisher	Intermediate
Engineering Software <ul style="list-style-type: none">• Solidworks, ANSYS, CATIA	Intermediate

LANGUAGE PROFICIENCY

	Malay	English	Arabic
Speaking	Excellent	Good	Average
Writing	Excellent	Good	Average

INVOLVEMENT IN CO-CURRICULAR ACTIVITIES

YEAR	ACTIVITY
2011	PROGRAM INDUKSI PERWAKILAN MAHASISWA KOLEJ KEDIAMAN 5 (PEKA 5) (2011/2012)
2012	KLINIK SUKAN PANTAI ANJURAN PUSAT SUKAN UMP DENGAN KERJASAMA MAJLIS SUKAN PELAJAR DI KAMPUS UMP KAMPUS PEKAN PADA 10-11 MAC 2012.
2012	SEMINAR BAHASA ARAB (SEBAR)
2013	KARNIVAL SUKAN UMP PEKAN 2013
2013	PROGRAM: "BENGKEL TULISAN KHAT"
2014	KARNIVAL SUKAN KK5
2015	KARNIVAL SUKAN UMP PEKAN

LIST OF PARTICIPATED EVENTS

Community services programmes & career talks

- Program Induksi Perwakilan Mahasiswa Kolej Kediaman 5 (PEKA 5) (2011/2012)
- Volunteer for Festival Layang-Layang UMP 2012
- Leadership & Teambuilding Camp 2012
- Facilitator Kem Pelajar Intelek (KPI 1, KPI 3, KPI 4, KPI 5)
- Facilitator Kem Amali Solat (Standard 1-3)
- Various Team Building Culture

REFERENCE PERSON

Academic advisor

Dr.Syarifah Nur Aqida Binti Syed Ahmad
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Fakulti Kejuruteraan Mekanikal
Universiti Malaysia Pahang
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Final Year Project Advisor/ Lecturer

Dr.Ahmed Nurye Oumer
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