



MUHAMAD FAIZ BIN MIZALAN

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**236, Kampung Tualang Sekah,
31700, Malim Nawar,
Perak Darul Ridzuan.**

WORKING EXPERIENCES

Sanshin (M) Sdn. Bhd, Sungai Petani, Kedah

Department: Surface Mounting Technology (SMT) Department
(Industrial Trainee)

June 2015 – Sept. 2015

Responsibilities:

- Involved in preventive maintenance (PM) works for Surface Mounting Technology (SMT) production line machines (Loader, solder printer, chip and IC moulder machine, glue dispenser and reflow oven) and record the monthly PM works

BASF (M) Sdn. Bhd, Johor Port, Pasir Gudang, Johor

Department: Production (Packaging Operator)

March 2013 – May 2013

Responsibilities:

- Load product (plastic pellet), seal packages and labelling

Grace Theme Sdn. Bhd - Malaysia Marine and Heavy Engineering (MMHE), Pasir Gudang, Johor

Department: Maintenance Department (Industrial Trainee)

Nov. 2012 – Feb. 2013

Responsibilities:

- Involved in maintenance works for electrical wiring, marine insulation, and piping/plumbing

ACHIEVEMENTS AND CURRICULAR ACTIVITIES

Achievements	<ul style="list-style-type: none">Bestari Award of Degree Mechatronic Engineering (2015)International Engineering Invention & Innovation Exhibition (i-ENVEX) 2016 (Silver Award)International Festival Innovation on Green Technology (i-FINOG) 2016 (Bronze Award)Participation of Sepak Takraw Kejohanan Sukan Pelajar Antara Pusat Pengajian (2014, 2015 and 2016) (Gold Medal)
Activities	<ul style="list-style-type: none">Participation of MikroTik Certified Network Associate (MTCNA) Training (Certi. No:1603NA416)Participation of TalentCorp's Graduate Employability Boot CampParticipation of Programming Language TalkParticipation of Arduino Workshop – BeginnerParticipation of "NBOS 1Malaysia Green 1Malaysia Clean" ProgramParticipation of CIDB Green Card CourseParticipation of NIOSH-OSFAM Safety Passport SICW (NOSP)Participation of Program Wacana Sosial Pelajar Pengajian Diploma

EDUCATION

Sep. 2013 – June 2016:

Universiti Malaysia Perlis (UniMAP)

Bachelor of Engineering (Mechatronics) (Hons)

CGPA : 3.12

Final Year Project:

Wireless Sensors for Monitoring Leak of Water Pipeline (Collaboration with Syarikat Air Perlis)

- Monitoring the data of water flow rate using wireless sensors and detect the leakage in the pipeline
- Analyse the data of water flow rate using Principle Component Analysis (PCA) and Linear Discriminant Analysis (LDA) methods (MATLAB software)
- Silver and Bronze Awards at International Engineering Exhibition (i-ENVEX & i-FINOG 2016)

June 2010 – Feb. 2013:

Universiti Malaysia Perlis (UniMAP)

Diploma in Engineering (Mechatronics)

CGPA : 2.97

Final Year Project:

Wireless Mini Underwater Remotely Operated Vehicle (UROV)

2005 – 2009:

SM Sultan Abdul Halim, Jitra, Kedah

SPM : 6A, 2B, & 2C

ADDITIONAL SKILLS

- Languages
 - Bahasa Melayu : Excellent
 - English : Good
- Regular user of Ms Office (Word, Excel, PowerPoint)
- MATLAB, Automation Studio, LabVIEW, PLC and Arduino

REFERENCES

Mr. Halil bin Haron

Senior Engineer

Sanshin (M) Sdn. Bhd.

Tel: 04-4216677

halil@sanshin-k.com.my

Assoc. Prof. Dr. Abu

Hassan bin Abdullah

Final Year Project

Supervisor

Tel: 012-4586615

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