

RESUME

HELMI AFFENDI BIN MOHAMAD AZMI

17 Jalan TTS 7/5,
Taman Tasik Semenyih,
43500 Semenyih,
Selangor.
Email Address: helmi.affendi@gmail.com
Contact No.: 017-5295525



PERSONAL PARTICULARS

Date of Birth: 31 March 1988	Place of Birth: Kuala Lumpur
Marital Status: Single	IC No: 880331565451
Gender: Male	Health: Excellent

EDUCATIONAL BACKGROUND

MASTER DEGREE

Field of Study	: Master in Science in Manufacturing Engineering (In-Progress)
University	: Universiti Teknikal Malaysia Melaka (UTeM)
Type	: Master by Research Mode

DEGREE

Field of Study	: Bachelor of Manufacturing Engineering (Manufacturing Process) With Honours
University	: Universiti Teknikal Malaysia Melaka (UTeM)
Graduation year	: 2014
CGPA	: 3.16

DIPLOMA

Field of Study	: Diploma of Mechanical Engineering (Manufacturing)
Colleague	: Politeknik Sultan Azlan Shah (PSAS)
Graduation year	: 2009
CGPA	: 3.61

WORK EXPERIENCE

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Position	: Graduate Research Assistant (GRA)
Specialization	: Product design and development
Duration	: September 2014 – July 2017

UNISEM (M) BERHAD

Position : On Job Trainee in Industrial Engineering Department
Specialization : Industrial Engineering
Duration : Jun 2013 – Aug 2013

CARSEM (M) SDN BHD

Position : Technician
Department : MLP FOL (Wire Bond Process)
Duration : Feb 2010 – Jun 2011

SAMPOERNA JL SDN BHD

Position : On Job Trainee as Technical Assistant
Department : Engineering
Duration : July 2008 – Dis 2008

MASTER DEGREE PROJECT

Title : Twin Spindle Milling Cutter Adapter for Machining Thin-Wall Aerospace Component
Copyright No. : Perbadanan Harta Intelek Malaysia (MyIPO)
LY2016001949
Scope : Design, Fabrication and Experiment Validation
Software Involved : Microsoft Excel, SolidWork, DynoWare
Machine/Instrument Involved: CNC Milling, Dynamometer, Coordinate Measuring Machine (CMM) and Surface Roughness Tester

FINAL YEAR PROJECT (DEGREE)

Title : Modelling Effect of Cutter Geometrical Feature for Shoulder Milling of Thin Deflecting Wall
Scope : Modeling, Finite Element Analysis (FEA) and Experiment Validation
Software Involved : SolidWork, DEFORM 3D and Design Expert (DOE)
Machine Involved : CNC Milling and Coordinate Measuring Machine (CMM)

HONOURS & AWARDS

1. Certificate of Appreciation as Representative for Contributions in UTeM Postgraduate Club in the Session of 2016/2017
2. Silver Medal at the International Invention, Innovation & Technology Exhibition 2017
3. Certificate of Participation for successfully organized 3 Minutes Thesis Competition 2017 at UTeM
4. Silver Award at the UTeM Research and Innovation Expo 2015
5. Sijil Kepujian Dekan Semester 2 Session 2013/2014 at UTeM

6. Pingat Ketua Jabatan at Sultan Azlan Shah Polytechnic
7. Anugerah Ketua Jabatan Semester 1,5 & 6 at Sultan Azlan Shah Polytechnic

COURSE ATTENDED

Certificate of Participation in Mini UTeMEX	2016
Certified of Attendance in 15 th International Convention on Melaka Twin Cities	2015
Certified Part Design Course in CATIA V5 R19	2014
Certified Basic Solidwork Course	2014
Certified Practical Environmental, Safety and Industrial Guidance for Student Engineers (PRESTIGE)	2013
Certified Customer Contact Services	2010
Certified Welding Skill Training System (WSTS), Safety and Non Destructive Testing Training	2009

COMPUTER/SOFTWARE SKILL

Microsoft office – Word processing, excel and professional presentation design
Solidworks, Catia – Engineering and technical drawing design (CAD)
Deform 3D – Finite element analysis engineering software (FEA)

LANGUAGES

Language	Spoken	Written
Bahasa Malaysia	Excellent	Excellent
English	Good	Excellent

REFERENCES

Associate Prof. Dr. Raja Izamshah
Senior Lecturer
Universiti Teknikal Malaysia Melaka
013-3921979
izamshah@utem.edu.my

Dr. Shahir Bin Kasim
Senior Lecturer
Universiti Teknikal Malaysia Melaka
010-4642070
shahir@utem.edu.my