

CURRICULUM VITAE

MOHD IBRAHIM BIN SAMURI

Bachelor of Mechanical Engineering (Hons.) Fresh Graduate

PERSONAL INFO

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Address : 5272 Jalan Masjid, Kg Soeharto
44010 Kuala Kubu Bharu, Selangor

Language : Malay - Native or bilingual proficiency
: English - Professional working proficiency



EDUCATION BACKGROUND

Graduated in **Bachelor of Mechanical Engineering (Hons.)** in 2016
Universiti Tenaga Nasional
CGPA: 3.15/4.00

A-Level German Programme in 2012
INTEC UiTM, Shah Alam

Sijil Pelajaran Malaysia in 2009
Sekolah Dato Razak, Sg Gadut, *Scored 9A*

INDUSTRIAL EXPERIENCE

MAC 2016 - MAY 2016 (3 months)

Position : Internship Trainee

Company : PROTON, Tg Malim

Department : General Asset Management, Maintenance Service and Fire safety Department

- Projects involved**
- a) Maintenance Supervision
 - Supervision of technical apparatus in the administrative room and energy center operation office.
 - Supervision of technical conduct in small machine, regular pump and air conditional system and cooling tower.
 - b) Fire Safety Measure
 - Participate in Fire Safety meeting for planning and execution process
 - Contributed to construct fire safety SOP and Daily Process Flow Chart for later reference
 - c) Selection Process of Checking Operator
 - Enhance operator level problem solving skill by create trouble shooting guideline & training
 - Create learning material and assessment module for new assigned Checking Operator (CO) position

Other duties : Liaise with QA/other department in solving quality related issues

MAY 2011 - JUNE 2011 (2 months)

Position : Industrial Trainee
Institution : German Malaysia Institute (GMI), BANGI
Description : A 240 hours of pre-study industrial practical (Vorpraktikum)
Deliverables : Practiced Electrical Fundamental, Basic Electrical Skills, Basic Electronics and Digital, Basic Metal Processing Skill (Bench work)

COMPUTER & SOFTWARE SKILLS



MICROSOFT OFFICE:
WORD/EXCEL/POWERPOINT
MICROSOFT Visual Studio 2010



Autodesk AutoCAD 2012



PTC CREO Parametric 3.0



MATLAB 2009

PROJECT/ TECHNICAL EXPERIENCES

ENGINEERING GRAPHICS & CAE

Design an Electric Hospital Bed: Team design project of 3D solid model of electric hospital bed using Autodesk AutoCAD 2012 and PTC CREO Parametric 3.0 software

PRINCIPLES OF PROGRAMMING

C Programming: Individual project in designed 4 executable statements with different algorithm for each different 16 types of programs using Visual Studio 2010

MANUFACTURING PROCESS LABORATORY

Technical Hands-On Exposure: Hands-On in industrial technical applications involves drilling and grinding, fitting, lathe, milling, shaping, Tungsten Inert Gas (TIG) welding and Arc welding

NON-DESTRUCTING TESTING

NDT: Introduction to 6 major NDT techniques used in industries namely Visual Inspection, Liquid Penetrant, Magnetic Particle, Ultrasonic, Eddy Current and Radiography.

PRODUCTION, PLANNING AND CONTROL (PPC)

Microsoft Project 2016: A teamwork research paper project explains the operation of Microsoft Project 2016 in respect to PPC. Learnt about managing operations, designing and organizing the systems and scheduling the production systems for competitive manufacturing

CAPSTONE DESIGN

Mechanical racking system: A teamwork project in designing the product by practicing mechanical design methodology in real industrial practices such as market research and HOQ. I am responsible to translate and draw the sketch design related with project into CAD drawings using PTC Creo 3.0. Design A2 size posters for exhibition use

FINAL YEAR PROJECT (THESIS)

MOF-5 Synthesis and Characterization on Normal Glass: Final Year Project that focused on the synthesis process of Metal Organic Framework-5 from the beginning till the end product for direct-mixing and microwave-assisted whereas the characterization via X-ray Diffraction process, Scanning Electron Microscope Images and Energy Dispersive X-ray spectroscopy.

EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS

Event Committee, Let's Glow The Night Run UNITEN 2016

Programme Committee, Gamelan Workshop UNITEN 2012-2016

Actively participated, Convocation UNITEN 2012, 2013, 2015 and 2016

Participant (Silver Awards), Pertandingan Gamelan Melayu Peringkat Kebangsaan 2013, 2015

Committee Member, Kelab SAHABAT Unicommserv UNITEN 2014/2015

Organizing Committee, Sukarelawan UNITEN Misi Banjir Kelantan 2014

Event Committee, Program Khidmat Masyarakat ISLB312&212 Semester Khas 2013/2014

Orientation Facilitator, Program Orientasi UNITEN 2013-2014

Program Committee, Majlis Perasmian Malakoff-UNITEN Acceleration Program (MUTAP) 2014,
A-, Final Year Project 2016

REFEREES

Name	Designation	Contact
Mr. Rozizi bin Ghazali	Senior Engineer Proton	Rozizig@proton.com
Mdm. Siti Zubaidah bte Othman	FYP Supervisor/ Academic Advisor	017-406 9733
Mr Ibrahim bin Mahmod	Lecturer Supervisor	013-368 8658