



AFIQ FATHI BIN SHAMSUDDIN
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PERSONAL PARTICULAR

Date of birth : 15 September 1992 IC No : 920915-03-5773
Marital Status : Single Race : Malay

SUMMARY

Graduate with bachelor's degree in mechanical and recently complete master's degree of engineering. Looking to leverage my knowledge in mechanical engineering into industrial environment. Highly interested in mechanical design with excellent research, time management and problem solving skills. An enthusiastic worker aspiring to help achieve company goals and take on more responsibility.

EDUCATION

Universiti Malaysia Pahang, Pekan, Pahang (Malaysia)

Master of Engineering (Mechanical)
Years: 2015 – 2017

Universiti Kuala Lumpur Malaysian Spanish Institute, Kulim, Kedah (Malaysia)

Bachelor of Engineering Technology (Hons.) In Mechanical (Automotive)
CGPA: 3.47 Years: 2011 – 2015

RELEVANT COURSES

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|--------------------------|------------------------------|------------------------|
| Automotive Engineering | Engineering Material | Heat Exchanger Design |
| Computer-Aided Design | Fluid Mechanics | Automotive Aerodynamic |
| Pneumatics & Hydraulics | Optimization Technique | Engineering Drawing |
| Machine Component Design | Industrial Management System | |

PROJECT

Final Year Project (FYP)

Analysis of Runner Blade Design of Francis Turbine Using CFD Method
- Study the possibilities to improve and optimize the output efficiency of the of the Francis turbine by varying the number of runner blade.

CAD Competition

DreamEDGE CAD Competition Challenge 2014 - "Innovative Tricycle"
- Design a Person with Disability (PWD) friendly tricycle concept

SKILLS

Software : Microsoft Office, CATIA V5, ANSYS, ABAQUS, MasterCAM X5, FluidSIM 5, MATLAB
Machine : Computer Numerical Control (CNC), Rapid Prototype
Language : Fluent in both Malay and English, learning Japanese

ACHIEVEMENTS

Dean list Award: July 2011, January 2013, September 2013, January 2014.

REFERENCE

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| Khairul Shahril bin Shaffee +60125810052 Mechanical Section lecturer Universiti Kuala Lumpur Malaysian Spanish Institute | Ir. Dr. Akhtar Razul bin Razali +094246214 Senior Lecturer Faculty of Mechanical Engineering Universiti Malaysia Pahang |
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