



LAM SAI KIT

D.O.B : 12/ 04/ 1994
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CAREER OBJECTIVE

To seek a sustainable career path to fully capitalize my technical knowledge and soft skills towards company and self development

ACADEMIC

- Bachelor of Engineering (Electrical) (2014- 2018)
University of Technology Malaysia (UTM), Skudai, Johor
CGPA: 3.51/4.00 (Dean List - Up to Year 4 Semester 1)
Awards:
- Dean's Lists(3 Semesters)
- Top 80 Dream Catcher Innovate Malaysia Design Competition in the design track of Google (Ongoing)
- Malaysian Higher Education Certificate (STPM) (2012- 2013)
SMK Jalan Tasek, Ipoh, Perak
CGPA: 3.67/4.00
Awards:
- Best Student of STPM
- Damah Trading Challenge Trophy
Football Tournament 2012 Champion

PERSONAL SKILLS

- Programming/ IT skill
C Programming Language, AVR assembly language & JavaScript
- Software
AutoCad, PowerWorld, Multisim, SolidWorks, Matlab/ Simulink & Android Studio

LANGUAGE PROFICIENCY



WORKING EXPERIENCE

2017 ○ Engineering Intern, ABB MALAYSIA SDN BHD

(Jun-Aug)

- Prepared AS-built drawings based on site marked up for client
- Assisted engineers in designing the conceptual drawings of control relay panels.
- Handled design scheme, block diagram for bay and station level, logic function of panel and panel drawings.
- Produced terminal function diagram of control circuit component which serve the firm over RM 8,000,000.
- Created a production procedure for International Organisation for Standardisation (ISO) Quality Certification.
- Ensured adequate supply of materials and components for installation of control relay panels and marshalling kiosk.

ACTIVITY INVOLVEMENT & ACHIEVEMENTS

2018 ○ Final Year Project - Solar Photovoltaic Emulator

2017

- Replicated the real characteristics of solar panel to overcome the difficulty of the real panel to be tested.
- Able to respond temperature, irradiance and load changes
- Digital simulation of closed loop control of DC-DC buck converter with mathematical modeling of solar panel.
- Implemented digital control algorithm and PI controller on an Arduino Uno microcontroller.

Competition - IoT Smart City Bus Service Integrated System

- Integrated Intelligence Bus Tracking System (IBTS) with smart payment system in smart city
- Firebase is used to store the current location of the bus and integrate the fare to the user.
- Maps is extracted from Google through Application Programming Interface (API).
- PayPal mobile payment is created for Ecommerce

2017 ○ Treasurer of LOSTING MUSIC CLUB

2016

- Oversaw the club's budget and prepared annual financial report of music concert.
- Liaised with each department committees about expenses of music concert to ensure sufficient funds available.

Co-Organiser of 'I Wanna Sing' Sharing Session

- Liaised and collaborated with 8TV to run a promotional event of 'I Wanna Sing' sharing session at UTM.
- Oversaw and facilitated the operations of each committees to ensure the event run flawlessly.

2016 ○ Head of LOSTING MUSIC CLUB Sponsorship Department

2015

- Attended a Business Network International meeting to develop a long-term relationship with business professionals.
- Integrated marketing strategy plans, market research, SWOT analysis and targeted audiences.
- Sourced for potential sponsorship and managed to obtain RM7000 cash sponsor.

REFERENCE

- Dr. Zulkarnain Ahmad Noorden, Senior Lecturer (UTM)
Phone num.: +60197422313 Email: zulkamain-an@utm.my
- Hau Choo Kiat, Senior Manager (ABB Malaysia Sdn. Bhd.)
System Design – Protection
Power Grids – Grid Automation Systems
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