SAMUEL WONG WENG FAI

Bachelor of Engineering (Honours)
Electrical and Electronic Engineering

Mailing Address:
33,Lorong Bunga Raya,
Taman On,
31650 Ipoh,
Perak, Malaysia.

Contacts:
Mobile : 0164889902
Home : 05-3213245
wengfai94@hotmail.com

Internship Period:
11 st Sep 17 – 20 th Apr 18

Personal Information

NRIC	: 940403-08-5855	Status	: Single
Age	: 23	Health	: Excellent
Gender	: Male	Languages	: English, Malay, Mandarin, Cantonese,
Nationality	: Malaysian		Basic Japanese(written & spoken)

Objectives:

To obtain an internship opportunity that can contribute towards the advancement of the company as well as an exposure for me on the real-life holistic skills that employers seek while utilizing my skills and knowledge gained during my studies. Besides that, I have opportunity to experience the realistic scenarios of working life that can empower my leadership, communication, teamwork, interpersonal skills and creativity.

Educational Background:

2015 – now	University Teknologi PETRONAS (UTP) Programme : Bachelor of Engineering (Honours) Electrical and Electronic Engineering Year of Study : 3rd year 2nd Semester Current GPA : **3.50**
2012 - 2013	STPM SMJK SAM TET, Ipoh, Perak. CGPA : 2.88
2007 - 2011	SPM SMJK SAM TET, Ipoh, Perak. Result : 8A/A- and 3B+

Projects:

- **Counters**
  Write a C program that makes use of the serial interface board as input and output of animated LED as counters.
- **PCB Project- DC power supply.**
  Design and produce a DC power supply with a fixed 5V output using a half- wave rectifier by using Eagle Software.
- **MATLAB Group Project 1**
  Undergo time domain analyses and frequency domain analyses of DT signal, design an echo generator by using MATLAB software.
- **MATLAB Group Project 2**
  Design a digital filter. Undergo frequency-domain analysis to the filter and analysis of the output of the filter.
- **Single Sideband AM Generation**
  Generation of Single Sideband (SSB) amplitude modulated waveforms using the ANACOM 1/1 module.
- **Single Sideband AM Reception**
  Investigate the reception and demodulation of the single-sideband amplitude-modulated waveforms generated by ANACOM 1/1 using the ANACOM ½ module.
- **Microprocessor Project**
  Build a digital lock for car or house door using the **mbed LPC1768 board** and online mbed compiler.
- **Microprocessor Project 2**
  Generate a binary counter in **assembly language** program by using Keil compiler.

Working Experiences:

- **Part time computer technician**
  2011- now

- **Computer Technician at Lee Service Provider Enterprise**
  Jan 2011 – May 2011

- **Part time renovation assistant**
  2010

- **Part time waiter in a Big Tree Foot Food Court**
  2007-2009

General skills & Computing skills:

- **Proficient in written and spoken English, Bahasa Malaysia, Mandarin, Cantonese, basic Japanese.**
- **Good interpersonal, communication and technical writing skills**
- **Good understanding on Matlab, C programming, LTspice, PSpice. Eagle PCB designing, Microsoft Office Tools, Multisim, Adobe Premiere Pro video editing, Arduino programming and so on.**
- **Able to lead, work in team and work independently with commitment and passion.**

Extra Curricular Activities

YEAR	ACTIVITIES & POSITION	DESCRIPTION
2014	As event manager and main speaker of Science Session in Multiple Intelligence (**MI 1**) children camp which held by Pasir Pinji Baptist Church (PPBC), Ipoh, Perak, Malysia.	MI 1 is a camp that provides children a platform to explore life skills. I was the main speaker to conduct and explain some science experiments.
2014-2016	As main speaker of Science Session in Multiple Intelligence (**MI 1**) children camp in Miri, Sarawak and Brunei Darussalam.	
2015	As a committee of Games & Activities Department in youth camp which held by PPBC.	
2016	As a consultant for **MI 3** children camp, titled "Mission To The World".	Culture exchange with the African friends.
2017	Committee of Business & Sponsor Department In The Warisan:Project Dunia Asli, a community service event, in Kampung Pulau Misa, Bota Kiri, Perak, Malaysia.	To interact with the local residents, culture exchange.

References

Assoc. Prof. Dr Tang Tong Boon
Associate Professor
Electrical & Electronic Engineering Department
Universiti Teknologi PETRONAS
31750 Tronoh,
Perak Darul Ridzuan,
Malaysia.

Phone: +605 - 368 7801
Email : tongboon.tang@utp.edu.my

Assoc. Prof. Ir Dr Perumal A/L Nallagownden
Associate Professor
Electrical & Electronic Engineering Department
Universiti Teknologi PETRONAS
31750 Tronoh,
Perak Darul Ridzuan,
Malaysia.

Phone: +605 - 368 7820
Email : perumal@utp.edu.my