



NABILA ADNIN

RESEARCH ASSISTANT

CONTACT ME



+60197179240



Parit Raja, 86400 Batu Pahat,
Johor



nabilaadnin1992@gmail.com

EDUCATION

BACHELOR OF ENGINEERING (HONS) ELECTRONIC

Universiti Tun Hussein Onn Malaysia
(UTHM)

2011 – 2016

- Skilled with the technical part of electrical and electronic engineering in Electronic Engineering Laboratory
- Understand electronic energy economics and planning concept
- Learnt regarding the basic theory of electronic communication and electrical fundamentals
- Expert in statistics and calculus for engineering
- Discovered the responsibility of engineers in society
- Exposed to the basics of technology entrepreneurship

MATRICULATION (PHYSICAL SCIENCE)

Kolej Matrikulasi Perak

2010 – 2011

CGPA : 3.11

OBJECTIVE

A hard working person with a strong desire to learn something new, seeking a company where I can expand my knowledge and experience in the field of engineering industry for the growth of the company as well as establish a career for myself.

EXPERIENCE

RESEARCH ASSISTANT

UTHM, BATU PAHAT

OCT 2016 - PRESENT

- Assist research and findings related issues and technical approach in electrical and electronic for solving problems
- Plans and modifies research techniques, procedures and simulation, case studies using MATLAB software
- Data logging and evaluation, problem solving related to technical issues
- Perform calculation based on the historical data, design and analyse the case studies

PRACTICAL TRAINEE

ELECTROMAGNETIC COMPATIBILITY CENTRE,

UTHM

JULY 2014 – SEPT 2014

- Conducting EMC testing from manufacturers products; to test the products throughout the design and production phases
- Prepares compliance and pre compliance reports by collecting, analyzing and summarizing information from the EMC testing performed

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+6 019 7179240

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SKILLS

COMPUTER SKILLS

Microsoft Office (Word, Excel, Power Point and Visio)	Excellent
MATLAB	Good
C++ Program	Fair
Proteus	Fair

LANGUAGE PROFICIENCY

Bahasa Malaysia	Excellent
English	Good
Arabic	Fair

PERSONAL CHARACTERISTIC

- High flexibility and adaption to new environment
- A self- starter, fast learner, excellent at juggling multiples tasks
- Able to work under given timeline and able to withstand work pressure
- Able to work as individual and participate as team member

PROJECT

Research Assistant's Project

2016 Title: Enhanced Data Collection Algorithm for Effective WSN/IoT Integration in Green Building Application

Scope: Enhancing and developing a new algorithm for an efficient data collection and dissemination for IoT based WSN project.

Final Year Project

2016 Title: Sistem Pengesanan Kelesuan dan Mengantuk Boleh Pakai untuk Pemandu

Scope: The system consist of eyelid movement detector components built using a combination of infra-red sensor and infra-red photodiode. The output of the detector is then interpreted by a microcontroller which will determine the level of fatigue. The combination of the infra-red sensor for eyelid components with drowsiness algorithm that have been built will be able to detect any fatigue and drowsiness encountered by driver and then passing it through an alarm to avoid any road accident to happen.

ACHIEVEMENT

DEAN'S LIST AWARD FOR SEM 4

REFERENCES

Mariyam Jamilah binti Homam (Dr.)

Head of Wireless and Radio Science Centre
Faculty of Electrical and Electronic Engineering,
Universiti Tun Hussein Onn Malaysia
86400, Batu Pahat, Johor
mariyam@uthm.edu.my
019-7841397

Jiwa bin Abdullah (Assoc. Prof)

Head of Research Supervisor
Faculty of Electrical and Electronic Engineering,
Universiti Tun Hussein Onn Malaysia
86400, Batu Pahat, Johor
jiwa@uthm.edu.my
019-2218074