



## NUR AZMAH BINTI MAT KIA

### BACHELOR OF ENGINEERING (ELECTRICAL), UNIVERSITI TEKNOLOGI MALAYSIA



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### ABOUT ME

A fresh graduate of Electrical Engineering, Universiti Teknologi Malaysia looking opportunities for a better future. Aiming to never stop improving myself and trying to work my way up from the bottom. Besides, I have a good listening and I am well organized and always plan to make sure I manage my time well.

### EDUCATION

Universiti Teknologi Malaysia,  
Skudai

2013 - 2017

Bachelor of Engineering (Electrical)  
Major in Power  
Scholarship : Jabatan Perkhidmatan Awam (JPA)  
CGPA : 3.16  
Graduated on August 2017

Penang Matriculation College  
2012 - 2013

Fundamental Life of Science (Module II)  
CGPA : 4.00  
Graduated on May 2013

Sekolah Menengah  
Kebangsaan Kampung Selamat  
2007 - 2011

Sijil Pelajaran Malaysia (SPM)  
4A's 2B's 3C's

### GENERAL SKILLS

MS Words



MS Power Points



MS Excel



MATLAB



MyOpenLab



Multism



Programming C/C++



### LANGUAGES

Malay



English



### WORKING EXPERIENCES

JUNE – SEPTEMBER 2016

Trainee at Majlis Bandaraya  
Kuala Terengganu

Handled troubleshooting feeder pillar and change timer switch that control the system (street light). Experienced in wiring an extension and involved in project management.

JANUARY – APRIL 2012

Kasatani Advance Technology  
Sdn. Bhd.

Work as operator at department of wiper after finished study while awaiting for SPM results. This is where I learned work in team and communicate with other people to archive the production target.

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## **ACTIVITES AND ACHIEVEMENTS**

Faculty of Electrical  
Engineering, Universiti  
Teknologi Malaysia

May 2014 - Committee of Grandeur Night

Nov 2013 - Participant in Harvard Business School : Case Study A

Jawatankuasa Mahasiswa  
Kolej Tuanku Canselor ,  
Universiti Teknologi Malaysia

May 2015 – Volunteer of IM4U Interfaith programme

Apr 2015 – Committee of 'Lambaian Di Bawah Bayu' at Kota Belut, Sabah

Nov 2014 – Director of Symphony of Heart programme at Hutan Bandar  
Mutiar Rini, Johor

Jun 2014 – Participant in CSR Programme at Melaka Zoo & Night Safari ,  
Melaka

Apr 2014 – Committee of 'Lambaian Komuniti' at Kota Tinggi, Johor

Mar 2014 – Participant in Acoustic of Nature programme at Bridley Training  
& Camp, Negeri Sembilan

Dec 2013 – Committee of 'Program Shotokan Karate Senshi Gasshuku' 13'

Nov 3013 – Committee of 'Program Dekat di Hati' at Hospital Sultan Ismail,  
Johor

Oct 2013 – Committee of 'Pesta Hari Terbuka Kolej Tuanku Canselor 2013'

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## **PROJECT INVOLVED DURING UNDERGRADUATE STUDY**

### **FINAL YEAR PROJECT: DIGITAL CONTROL OF WATER LEVEL PLANT USING MYOPENLAB SOFTWARE**

It used open source software (Myopenlab), and Arduino UNO as a data acquisition card to control water level. To model the system water tank module is used and it is calibrated before modelling. It is then connected to Myopenlab software and tuned at the desired level.

### **CAPSTONE PROJECT: ELECTRIC BYCICLE**

This project use Arduino UNO, DC drive (BTS7960), magnetic sensor, LCD display and 24V battery. DC Drive is used to control speed of bicycle. It also display the speed of bicycle (km/h) and the life of battery.

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## **REFERENCES**

PROF. DR JOHARI HALIM SHAH BIN OSMAN  
Dean of Faculty Electrical Engineering,  
Universiti Teknologi Malaysia.  
(Tel: 07-5557250, email: [johari@utm.my](mailto:johari@utm.my))

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Majlis Bandaraya Kuala Terengganu.  
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