



# NURUL NAJIHAH BINTI MUHAMMAD

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 **GENDER** : FEMALE

 **STATUS** : MARRIED

**DATE OF BIRTH** : 18 NOVEMBER 1988

**PLACE OF BIRTH** : KUALA TERENGGANU, TERENGGANU

## CAREER OBJECTIVE

Results driven, highly motivated, high discipline and creative Electrical/Electronic Engineering student seeking any professional role in any company, to whom I can offer my outstanding interpersonal skills, research capabilities, creative thinking, excellent analytical and strong organisational skills.

## TRAINING & COURSES ATTENDED

Jan 2014 MapInfo Training Course

## EDUCATION

2009-2013 **Bachelor of Engineering (Hons) in Electrical & Electronics Engineering**  
Universiti Tenaga Nasional (UNITEN)  
Last GPA: 2.83/4.0  
CGPA 2.41/4.0

2006-2007 **Foundation in Engineering**  
Terengganu Advance Technical Institute University College (TATIUC)  
(IELTS): Band 5  
CGPA: 3.09/4.0

## FINAL YEAR PROJECT AND INDUSTRIAL TRAINING

**TITLE** : "The Fabrication of 32 Nm Pmos Device Using High K Dielectric and Metal Gate"

The objective of the project is to fabricate a transistor of 32nm PMOS using high K material as dielectric with metal gate. The fabrication process will be done using simulator TCAD, Silvaco. The fabrication process will be using ATHENA, i.e the process simulator and its electrical characterization done using ATLAS. In this project the thickness of high K material with metal need be determined by experiment. The whole process flow will begin with Silicon wafer until the metallization process.

Jan 2012 – **Trainee (Industrial Training)**  
Mar 2012 **Pejabat Pembangunan dan Harta, Universiti Malaysia Terengganu (PPHUMT)**

- Know about the organization of the UMT mainly about the Office of Development and Assets, the structure and the job scope for each section in this office.
- Have learnt about design and monitoring Electrical System Works
- Have been exposed about the theory and concept in telephone system.
- Have learnt deeply about maintenance of electrical systems.
- Have discovered something about Main Network System.



## WORKING EXPERIENCES

Mar 2016 – **Project Executive**  
Present **Arcadis Projek Sdn Bhd (Affiliate Langdon & Seah- JUBM), Mutiara Damansara, Selangor.**

- Currently work in M&E team and involve in KVMRT project. (Station Kota Damansara, Kg Baru Sg. Buloh and Sg Buloh)
- To prepare Interim Payment, Progress Payment, Claim.
- Compiling tender document and contract document.
- Meeting (progress meeting, etc.)
- Site Evaluation with contractor and client.
- Monitor project progress and claim at site.
- Re-measurement cable length using AutoCAD.
- Attend software training (AutoCAD, etc.)
- To review and get approval from Management for all documents need to be submitted to client.

Mar 2014 – **Electrical Engineer**  
Dec 2015 **Fujitec (M) Sdn Bhd, Petaling Jaya, Selangor**

- To provide technical design, drawing in AutoCAD 2D and other related activities with respect to engineering drawings
- To ensure company designing standard style is adhere on all drawings and improve the standard continually
- To assist in engineering related documentation and administration
- To coordinate all drawing related matters among drafters involved in the project
- Take responsibility on job given and report directly to Boss
- Design, implement, maintain and improve lift electrical components
- Create job order drawing for lift electrical components
- Creates and updates the lift specifications based upon contracts and any variations.
- Perform task given for Lift electrical parts related to Electrical Motor Room (EMR) Electrical Landing (ELD) Electrical Car (ECA) Electrical Hoistway (EHW)
- Familiarize with type of controller (EXGL, EXDN, ECEEDIII, ACGL, MLGS & MXGS) and type of operation system (Simplex, Duplex, N100, N200/300, N201, Single Freight and Selective Collective Dual)
- Familiarize with hall fixtures for ELD which is HBN(Hall Button), HPI(Hall Position Indicator), HLL(Hall Lantern)
- Design Layout drawing, EHW, EMR, and ECM using AutoCAD 2014
- Perform any calculation related to the electrical design work
- Have been exposed to some knowledge about Mechanical Motor Room (MMR), Mechanical Hoist Way (MHW), Mechanical Car (MCA), and Mechanical Landing (MLD)

Oct 2013 – **Technician/Graduate Engineer**  
Mar 2014 **VDSL Network and Technology Cyberjaya, Selangor.**

- Have been exposed some knowledge about telecommunication and internet services.
- Design and create the map and location using AutoCAD LT 2014 and MapInfo Professional version 12.0.0.
- Locate and collect the data using MapInfo Professional version 12.0.0.
- Have been exposed site supervision at Jengka.
- Have been exposed about documentation and data of the project.
- Have been exposed to a local project like FELDA.
- Have been attended MapInfo Training Course on 2nd and 3rd January 2014.
- Have been developed myself to be a fast learner, multi-tasking, able to work under pressure, creative thinking, and good communication skills in order to produce a quality outcome in every task given.



## EXTRA CURRICULAR ACTIVITIES

### CLUBS & SOCIETIES

2011 Pembimbing Rakan Sebaya (PRS)  
2011 Wawasan

### SPORTS

2010 Golf Handicap Test

### TEAM BUILDING & EXTRA COURSES

2012 ESQ Basic leadership training  
2010 Kem Kepimpinan Mahasiswa  
2008 Kem Rakan Exco (K-REX 2)

### PROGRAMMES

2010 Ceramah Program Pintar TNB 2010  
2009 Program PINTAR  
Facilitator  
2009 Training of Trainers (TOT), Program Bakti Siswa Perdana  
2009 Program Bakti Siswa Perdana

### VOLUNTEER

2012 (Islamic 3 subject project)  
Aktiviti Gotong Royong Bersih Kubur Jln Karak, Sentul



## KEY SKILLS

### LANGUAGE

**ENGLISH** : Fluent Oral and Written  
**MALAY** : Fluent Oral and Written

### COMPUTING

#### Applications/Software:

Microsoft Office (Word, Excel, Power Point), AutoCAD 2014, Altera Max-Plus II, C++, Sisco Packet Tracer, Matlab, Silvaco.

### COMMUNICATION

- In my current position working as the Project Executive, I had been working together with the rest of the team in providing the best solution and finishing the task given.
- This process involved constant communication among the team so that all the information could be delivered well
- Always try to put an effort to build a good relationship and more intimate.

### TEAMWORK

- I am an excellent team member and willing to give my hundred percent in any project that I am in.
- I am easy to get along with, very understanding and open to any ideas.
- Thus, team work among the team is vital in determining a high quality end result.

## ADDITIONAL INFORMATION

Availability : Immediate  
Willing to travel : Will consider  
Willing to relocate : No  
Current Salary : RM 2800  
Expected Salary : RM 3000  
Driving License : D

## REFEREES

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