



## NUR IZZATI BINTI RAMLI

BACHELOR OF ELECTRONIC ENGINEERING WITH HONOURS

MAJOR ELECTIVE IN MICROELECTRONIC ENGINEERING

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### OBJECTIVES

To obtain the position that related in the engineering field and make organization's goal as a priority in career objective. Willing to gain and learn new skills and experiences to increase expertise and competencies. Being well-prepared for a wide range of careers in industry, private sectors and government agencies. Interested to join a successful company to gain more experiences and ready to accept any challenges ahead. Highly self-motivated and goal-oriented professional committed to pursuing a long-term in the company.

### PERSONAL PARTICULARS

**AGE:** 24 years  
**DATE OF BIRTH:** 17<sup>th</sup> November 1993  
**GENDER:** Female  
**NATIONALITY:** Malaysian  
**RELIGION:** Islam  
**MARITAL STATUS:** Single  
**ADDRESS:** 726-1, Parit Raja, Jalan Abdul Rahman, 84000, Muar, Johor

### EDUCATION PROFILE

**2011-2017** Universiti Tun Hussein Onn Malaysia (UTHM)

- Diploma of Electrical Engineering **CGPA: 3.77**
- Bachelor of Electronic Engineering **CGPA: 3.19**

**2006-2010** SMKA Maahad Muar

**PMR** 8A's 1B's  
**SPM** 5A's, 4B's, 2C's

**2000-2005** Sekolah Kebangsaan Parit Pinang Seribu

**UPSR** 4A's 1B's

### WORKING/INTERNSHIP EXPERIENCES

Promoter at The Store, Muar (September 2010 – May 2011)

- Ensure customers' request, inquiries and complaints attended and responded on time, as indeed to provide excellent customer service.
- Promote and sale travel luggage (US Brand) while try the best to achieve on target sales monthly.

Interns at Muarlite Industries Sdn. Bhd (April 2013-June 2013)

- Check the serial number, filing and documentation.
- Check the quality control of the finished product, labelling and packaging
- Installation and configuration of the street lamp component.
- Perform maintenance, testing and troubleshoot equipment.
- Ensure to follow company's policies, guidelines and procedures accordingly.
- Understand and apply system updates according to Standard Operating Procedures (SOP).

Interns at Jecmetal Industries Sdn. Bhd (June 2016-August 2016)

- Check the serial number, filing and documentation
- Assemble the component with reference to the wiring diagram (Electromechanical component)
- Testing and troubleshoot equipment
- Integration parts of sub-assembly, full assembly and functional testing.
- Integrate electromechanical part, pneumatic system and electronic component

## PROJECTS INVOLVEMENT

YEAR	PROJECT	DESCRIPTION
2017	<b>Final Year Project:</b> The study of temperature effect on n-type substrate doped with boron	To fabricate a boron-doped silicon diode and analyze the potential thermal diffusion temperature at different range for producing silicon diode
2015	<b>Integrated Design Project:</b> Loose fruit sieve machine	Develop of sieve machine cleaning of loose fruits. This project focuses in design, fabrication of the mechanical part of machine and the system of the sieve machine.

## COURSEWORK TAKEN

### Electrical and Electronic Engineering Cores

- Signals and Systems
- Analog Electronics
- Digital Electronics
- Electromagnetic Fields and Waves
- Electronics Engineering Laboratory II, III, IV
- Integrated Design Project I, II
- Power Systems
- Electronics Communication Systems
- Digital IC Design
- Electronics Circuit Analysis and Design
- Digital Signal Processing
- Computer architecture and Organization
- Microprocessor and Microcontroller
- Semiconductor Electronic and Devices
- VLSI Design
- MEMS and NEMS Design
- Microfabrication
- Microelectronic Engineering Laboratory
- Semiconductor Material Analysis
- Photonic Devices
- Advanced Semiconductor Devices
- IC Packaging
- Material Characterization
- Engineering Mathematics II, III, IV

### Engineering Cores

- Engineering Economics
- Engineering Management
- Engineering and Society

### Languages & Skills

- Academic English
- Creativity and Innovation
- Public Speaking
- Foundation English

### Humanities/Social Science

- Islamic and Asian Civilization
- Ethnic Relations

## COMPUTER SKILLS

<b>Microsoft Office</b> <b>PROFICIENCY:</b> Intermediate	<b>Multisim</b> <b>PROFICIENCY:</b> Intermediate	<b>Workbench</b> <b>PROFICIENCY:</b> Intermediate
<b>Tanner EDA</b> <b>PROFICIENCY:</b> Intermediate	<b>Proteus</b> <b>PROFICIENCY:</b> Intermediate	<b>MPLAB</b> <b>PROFICIENCY:</b> Intermediate
<b>AUTOCAD Tools</b> <b>PROFICIENCY:</b> Intermediate	<b>Pspice</b> <b>PROFICIENCY:</b> Intermediate	<b>Programmable Logic Circuit (PLC)</b> <b>PROFICIENCY:</b> Intermediate

## AWARDS & EXTRACURRICULAR ACTIVITIES

### AWARDS:

- Dean List Student of Electrical Engineering
- First runner up Integration Design Project 2015

### EXTRACURRICULAR ACTIVITIES:

- Committee member of Electrical and Electronic Engineering Faculty UTHM (Exco)
- IEEE membership of Electronic Engineering
- MUET My Way (Participant)
- Program of “Jalinan Muafakat FKEE” (Exco)
- Head committee of mentor mentee academic of Faculty Electric and Electronic Engineering
- Participate in Kem RELASIS I
- Member club of English Language
- Member club of Public Speaking
- Participant in Eureka Innovation Exhibition 2015
- Participant in Invention Innovation Design Exposition “iidx”

## ENGINEERING SKILLS

- Good analytical thinking, problem solving and able to communicate to all level of people
- Experience in using Debug Tools (oscilloscopes, multimeter)
- Knowledge of equipment and process on die bond
- Technical and computer expertise
- Design, development and implementation of products and services
- Research and analytical skills

## SOFT SKILLS

- Self-motivated and able to work overtime
- Has driving license B2 and D and willing to travel
- Able to organize and manage teams/projects
- Hardworking and always assure perfectly-done work
- Good collaborative skills and effective communicator
- Can work under pressure and meet tight deadline
- Easily to adapt in a new environment and give full commitment to the organization
- Excellent teamwork, leadership and willing to learn and gain new experience

## REFERENCES

1. Name : Dr. Abul Khair bin Anuar  
Position : Senior Lecturer (Academic Manager)  
Company : University of Tun Hussein Onn Malaysia (UTHM)  
Phone no : 019-2828374
2. Name : Dr. Nurfarina binti Zainal  
Position : Lecturer (Supervisor of Final Year Project)  
Company : University of Tun Hussein Onn Malaysia (UTHM)  
Phone no : 019-8899266

*\*I hereby declare all the information furnished is true to the best of my knowledge and belief.*