



## **PERSONAL STATEMENT**

I am looking to secure a position to further develop my analytical skills and knowledge in the practical world. I am a fast learner with an excellent ability to adapt to new environments. I am eager to grow and improve my professional network optimization skills through previous experiences in the network sector.

## **PERSONAL INFORMATION**

Name : Nursyazana binti Zainal Abidin  
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Nationality : Malaysian  
Marital Status : Single  
Driving License: Yes

## **EDUCATIONAL BACKGROUND**

<b>2011 – 2015</b> (Graduated Nov 2015)	<b>International Islamic University Malaysia (IIUM), Gombak, Selangor</b> Bachelor of Engineering (Communication) (Hons)
<b>2010 – 2011</b>	<b>Centre for Foundation Studies, IIUM, Petaling Jaya, Selangor</b> Foundation in Engineering and Computer Science
<b>2005 – 2009</b>	<b>SMK Subang Utama, Subang Jaya, Selangor</b>

## **WORK EXPERIENCE**

<b>Skim Latihan 1Malaysia (SL1M) Trainee</b> <b>CELCOM AXIATA BERHAD</b> <b>Wisma Celcom, Petaling Jaya, Selangor</b>	<b>10<sup>th</sup> December 2015 - present</b>
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- Currently undergoing training in Network Optimization Department
- Performed drive test measurement on multi technologies (GSM, UMTS, LTE) using Nemo Outdoor software
- Performed walk test measurement for in-building coverage
- Analyze and propose recommendation to improve network based on drive test results using Nemo Analyzer and other tools such as Mapinfo, SIMON, and Google Earth
- Took part in radio network optimization projects

**Practical Trainee**  
**IC MICROSYSTEMS SDN BHD**  
**Cyberjaya, Kuala Lumpur.**

**9<sup>th</sup> June – 29<sup>th</sup> August 2014**

- Obtained training in various Integrated Circuit (IC) Design technologies and techniques.
- Training includes building blocks in digital IC design, analog IC design and mixed-signal IC design, IC product scoping, schematic design, layout and verification techniques, IC fabrication process and device characterization using Technology Computer Aided Design (TCAD).

- Tutoring the first year students for Electronics subject, one of the core courses in Bachelor of Engineering
- Responsible for grading and recording the students' marks for quizzes and assignments.

### **PERSONAL STRENGTHS**

- Good communication skills, able to work in groups
- Patient, fast learner, able to work well under pressure
- Optimistic, highly organized, dedicated

### **RELEVANT PREVIOUS PROJECTS**

Subject	Project title	Description
Final Year Project	An EMG-controlled Haptic Feedback System Using FPGA	The project focuses on the haptic feedback system of the arm using biosignals, specifically, Electromyography (EMG) signals as control inputs and is implemented using Field Programmable Gate Array (FPGA).
Laboratory Project	Simple Line-Following Robot	A machine that follows a black line on a white surface using Light Dependent Resistors (LDR) as sensors

### **RELATED COURSEWORK**

Electronics Circuit, Digital Logic Design, Digital Communication Systems, Data Communications and Networking, Wireless Technology, Antenna and Wave Propagation, Optical Communications

### **SELECTED COCURRICULAR ACTIVITIES**

Year	Position	Programme Name
2014	Programme Coordinator	Engineering Technology Exhibition 2014 (ENGITEX '14) – Engineering Fair (ENGINFAR)
2013	Head of Invention Bureau	Engineering Students' Society (ENGINEIUS) Session 2013/2014
2012	Participant	Malaysia-China Education Through Exploration (CHIMEX)
2011	Participant	Social Community Skills Programme

### **SKILLS**

1. Proficient in Microsoft Office (Word, Powerpoint and Excel)
2. Intermediate knowledge and skills in C++ and MATLAB programming, **Nemo Outdoor**, **Nemo Analyze**, **Google Earth PRO** and **MapInfo**.
3. Beginner in VHDL programming, **TCAD** and EDA tools (**Athena**, **Atlas**, **Gateway** and **Expert**), **Wireshark**, **EAGLE**, and **QUARTUS**.
4. Fluent in reading, writing and speaking in both Malay and English languages.

## **REFERENCES**

Dr. Amelia Wong Azman  
Assistant Professor,  
Department of Electrical and Computer  
Engineering,  
International Islamic University Malaysia,  
Jalan Gombak, 53100 Gombak,  
Selangor.  
Email : [amy@iium.edu.my](mailto:amy@iium.edu.my)

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