Curriculum Vitae 2016

NORSYAHRIANI BT IBRAHIM OOI
KULLIYYAH OF ENGINEERING
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
JALAN GOMBAK,
53100, KUALA LUMPUR
Phone (Mobile) : 014-5087109
Email : cikyanies@gmail.com

CAREER OBJECTIVES

- To gain some experiences and knowledge particularly related to communication engineering as well as for career development.
- To obtain a position in a company as an Engineer where I can maximize my organization skills, quality assurance, and learning experience.
- Willing to gain new experiences to enhance my skills in a dynamic workplace.
- To build a long-term career in related Engineering with opportunities for career growth.
- To contribute something to the company bussiness and to the nation as a whole.

PERSONAL PARTICULARS

Age	:	24 Years Old	Date Of Birth	:	13 August 1992
Nationality	:	Malaysian	Gender	:	Female
			I/C Number	:	920813-11-5502
Permanent Residence	:	Malaysia			
Place Of Birth	:	Kuala Terengganu, Terengganu	Current Adress	:	C-10-16 Lakeview Apartment, Taman Jasa Perwira, Batu Caves, 68100, Selangor.
Permenant Adress	:	2496 Lorong Tok Payong , 20400 Kuala Ibai, Kuala Terengganu, Terengganu.			

EDUCATIONAL BACKGROUND

2012- present	:	International Islamic University Malaysia (IIUM) Bachelor of Engineering (Communication)(Honors). Current CGPA: 3.155
2010-2011	:	Centre for Foundation Studies, International Islamic University Malaysia (IIUM)Petaling Jaya, Selangor.
2005-2009	:	Sekolah Menengah Kebangsaan Sultan Sulaiman,Kuala Terengganu, Terengganu.(Cluster school) SPM result : 7A 1B

FINAL YEAR PROJECT (2015-2016)

- Title: Performance Comparison Between Archimedean and Equiangular Spiral Antenna using CST Studio Suite Software.
- Simulation using CST Studio Suite software.
- Investigating gain, radiation pattern, directivity, axial ratio and active region for both spirals.
- Compare the performance of both spirals.
- Recommend the spiral antenna in several applications.

INTERNSHIP AT RADIO TELEVISYEN MALAYSIA (RTM) KAJANG (2015)

1) Assigned to Maintenance Shortwave Unit
    - Do daily maintenance (preventive & corrective) for transmitter
    - Learn safety procedures in operating transmitter.
2) Assigned to FM/TV Unit
    - Visit to pocket-filling station (transmitter and transposer site) across middle area of Malaysia.
    - Learn details about functions of transmitter and transposer.
3) Assigned to KL Tower Operation Unit
    - Experienced to be at the transmitter parent station for Klang Valley areas (top of KL tower).
    - Able to differentiate analogue and digital transmitter.
4) Assigned to Measurement & Quality Unit (P&Q)
    - Learn ways to measure the quality of audio and video broadcasting.
    - Map plotting for measurement quality range.
5) Assigned to Aerial Unit
    - Introduced to basic principle of antennas, its components & technical equipment.
    - Antenna site visit behind the RTM station.

6) Assigned to Workshop Unit
   - Introduced to electrical power concept and equipment‟s.
   - Mini setup involved with magnetic contactor, audio test and time switch.

ACADEMIC COURSES TAKEN

Electrical circuits	Engineering drawing	Statics	Electronics	Engineering Calculus 1	Electronics
Dyanamics	Programming for Engineers	Workshop Technology	Engineering Calculus 2	Digital Logic Design	Circuit Analysis
Electronic Circuits	Linear Algebra &Differential Equations	Microprocessor &Interfacing	Engineering Electromagnetics	Signlas& Systems	Computational Methods & Statistics
Digital Signal Processing	Fundamentals of Communication Engineering	Computer Organization& Architecture	Complex Analysis &Partial Differential Equations	Digital Comm.	Microwave Engineering
Control Systems	Electronic Instrumentations &Measurements	Antennas & Wave Propagation	Data Communications &Networking	Optical Comm.	Mobile Comm.
Selected topic: Introduction to radar system	Satellite Communication Systems				

Relevant Projects

SUBJECTS	DESCRIPTION
Introduction to Radar System	Design the aircraft tracker by using DVB-TV.
Engineering Lab 3	Design a smart watering plant.
Mobile communication	Coding 16- QAM and 4-QAM modulation scheme by adding Rayleigh Channel.
Computational Organizatioan and Architecture	Coding C++ to develop memory partioning.
Data Communication	• Wireshark software to investigate Etehernet, ARP, TCP and UDP. • Commad prompt to trace IP adress and IP router from any website inside or aoutside country.
Intergrated Design Project	Design Patient monitoring System using temperature, pulse rate and blood prussure sensor with Arduino microcontroller.

SKILLS AND PROFICIENCY

LANGUAGE	PROFICIENCY
Malay	Excellent
English	Excellent
Arabic	Beginner

SOFTWARE

SOFTWARE	PROFICIENCY	DESCRIPTION
Microsoft Office	Expert	MS Words, MS Excel,MS Power Point and etc
C++	Good	Programming language. Applied in several mini project.
Alibre	Good	Engineering drawing tools.Applied in several mini project.
Matlab	Good	Mathematical software.Applied in several mini project.
Wireshark	Good	Trace IP adress, TCP/IP
CST Studio	Expert	Design an antenna (spiral antennas)

EXTRA CURRICULAR ACTIVITIES

1) Program Latihan Khidmat Negara(PLKN) (2009)
2) Programme Manager for Mahallah's Block Sports Carnival in Centre for Foundation Studies, IIUM
3) Training for Mahallah representative in Centre for Foundation Studies, IIUM
4) Committee of 'Dream High Community Day ' under Community Service's class

REFERENCES

Dr. Sarah Yasmin Mohamad,
Academic Room, Level 3, E2 Block, Kulliyyah of Engineering IIUM
Phone: 03 - 6196 6516
Email: smohamad@iium.edu.my

Dr. Noreha Abd Malik,
Academic Room, Level 2, E2 Block, Kulliyyah of Engineering IIUM,
Phone: 03 - 6196 4453
Email : norehaa@iium.edu.my