NURUL FARHANI YAAKUB

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| SUMMARY OF QUALIFICATIONS | * Skilled in High Frequency Design and Layout Tools such as High Frequency Structural Simulator (HFSS), Genesys, Advanced Design simulator (ADS) and CST Studio Suite * Skilled in RF Design such as Amplifier, Filter and Antenna * Have strong personality such as independent, dynamic, self-motivated, passionate and work well under pressure to meet deadlines | |
| **CAREER OBJECTIVE** | To develop a professional career at Electronic Engineering field, where I can apply the knowledge, talents and ideas that I have for the company that offers me the [opportunity to work](http://www.seekinusa.com/jobs/first-job-hunting.asp) to show my integrity, honesty, commitment and excellence. | |
| **EDUCATION BACKGROUND** | | |
| 2012-Present  2008-2010  2006-2007 | Bachelor of Engineering (Hons) Electronic Engineering (Communication) at Universiti Teknologi MARA (UiTM)  Current GPA: 3.59 CGPA: 3.08  Diploma in Electronic Engineering at Politeknik Sultan Abdul Halim Muadzam Shah (POLIMAS)  CGPA: 3.23  Sekolah Menengah Teknik Batu Lanchang  Sijil Pelajaran Malaysia(SPM): 2A | |
| **EXPERIENCE** | | |
| Practical Student(Bachelor Degree)  12 Jan 15 – 18 Mar 15  Practical Student(Diploma)  11 Jan 10 – 11 Jun 10 | Malaysia Airport Sdn. Bhd. (MASB)  Repaired and Maintenances:   * Aeronautical Ground Lighting (AGL) * Substation * Building Distribution Board * Generator Set * Automatic Sliding Door * X-ray Machine * Flight Information Display Unit * Conveyor * Air Conditioning System * Passenger Boarding Bridge   Telekom Malaysia Berhad (TM)   * Able to install and disconnect telephone line and streamyx at Main Distribution Frame (MDF) * Able to fix the internet connectivity problems at customer premises * Able to install the fiber optic * Able to test network connection and commissioning | |
| **AWARDS AND ACHIEVEMENTS** | | |
| * Dean’s Award in Bachelor of Engineering (Hons) Electronic Engineering (Communication)for Part 7 * Dean’s Award in Bachelor of Engineering (Hons) Electronic Engineering (Communication)for Part 6 * Dean’s Award in Bachelor of Engineering (Hons) Electronic Engineering (Communication)for Part 2 * Gold Medal in ‘Research, Invention, Innovation and Design Competition (RIID) 2014’ for ‘RFID Attendance System’ Project | | |
| **SPECIAL PROJECT** | | |
| **Final Year Project(FYP**)  2015(Bachelor Degree)  2010(Diploma) | Designed a’ Co-Axis Dual Cylindrical Coils for Wireless Power Transfer (WPT)’ using HFSS software for WPT system via resonant inductive coupling technique    Constructed and designed a ‘Smart Soap Indicator’ using PIC for touchless soap usage with infrared sensor concept | |
| **Other Project**  Radio Frequency System Design (ECM 617)  Computer Engineering  Design(ECE 503)  Antenna and Propagation(ECM 521)  Multimedia Applications and Systems(ECE 551) | 1. Designed a ‘Low Noise Broadband Microwave Amplifier for the use of Wireless Local Area Network (WLAN)’ using Genesys.  2. Designed and fabricated a ‘Spur – Line Bandstop Filter’ using CST Studio Suite.  Designed ‘RFID Attendance System Technology’ using Arduino Mega AT2560 with Microsoft Access 2007 for database and Microsoft Visual Basic 2010 software for Graphic User Interface (GUI)  Designed a ‘Rectangular Microstrip Patch Antenna’ Using CST Studio Suite at 12GHz operating frequency  Designed a website for ‘TheCupcakeStory Bakery’ using Adobe Dreamweaver CS3 | |
| **SKILLS** | | |
| **Language:**  Bahasa Melayu:  Spoken∎∎∎∎∎ Written∎∎∎∎∎  English:  Spoken∎∎∎∎∎ Written∎∎∎∎∎  Arabic :  Spoken∎∎∎∎∎ Written∎∎∎∎∎ | | **Software:**  ADS∎∎∎∎∎  HFSS ∎∎∎∎∎  CST Studio Suite ∎∎∎∎∎  Genesys ∎∎∎∎∎  CodeBlocks ∎∎∎∎∎  Matlab ∎∎∎∎∎  Microsoft Visual Basic ∎∎∎∎∎  Basic Adobe Design CS3 ∎∎∎∎∎ |
| **CURRICULAR ACTIVITIES** | | |
| 2015  2014  2014  2013  2013  2012  2010  2009  2008 | Participated in ‘Introduction To High Impact Presentation Skills’  Participated in ‘Innovation and Commercialization Literacy Lab Programme’  Participated in ‘Research, Invention, Innovation and Design (RIID) 2014’  Participated in ‘Malaysia International Robot Competitions (MIRoc)’  Participated in ‘Bengkel Mentor’  Participated in Fesmel Program ‘Are You Genius’  Technician training for ‘Audio Visual and Multimedia unit’ in ‘Majlis Konvokesyen POLIMAS ke-24’  Participated in ‘Soft Skills Industrial Training Module’  Participated in ‘Program Latihan Khidmat Negara’ | |

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| REFERENCES | |
| 1. Dr Azita Laily Yusof  Programme Coordinator  Bachelor of Engineering (Hons)  Electronics Engineering  (Communication)  Universiti Teknologi MARA  40450 Shah Alam, Selangor  012-2332041 / 03-55436015  [azita968@salam.uitm.edu.my](mailto:azita968@salam.uitm.edu.my) | 2. Dr Mohd Khairul Mohd Salleh  Final Year Project Adviser  Bachelor of Engineering (Hons)  Electronics Engineering  (Communication)  Universiti Teknologi MARA  40450 Shah Alam, Selangor  019-3562274  [khairulsalleh@ieee.org](mailto:khairulsalleh@ieee.org) |