**FAYAD MOHAMMED MOHAMMED GHAWBAR**

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BATU PAHAT

JOHOR, MALAYSIA

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**PERSONAL PARTICULARS**

Date of birth : 22 / 07 / 1987 Place of birth : Yemen

Gender : Male Race : Arab

Marital status : Single Nationality : Yemeni

I/C NO : 04160366 Religion : Muslim

Health : Excellent

Hobby and Interest: Reading and Travelling

**POSITION OBECTIVE**

* To obtain a position in the field of engineering for which I can unleash all my skills and abilities from my current level of education which I can contribute the best for your company.
* To learn and apply a new knowledge and skills in this field effectively.

**EDUCATION**

March 2016 – current time : **PHD in Electrical Engineering with Technology**

Universiti Tun Hussein Onn Malaysia (UTHM)

March 2014 – July 2015 : **Master of Electrical Engineering (Communication)**

Universiti Tun Hussein Onn Malaysia (UTHM)

**CGPA: 3.92** (First class with distinction)

July 2009 – 2014 : **Bachelor of Electrical Engineering (Electronics).**

University Malaysia Pahang (UMP)

**CGPA: 3.18** (2nd class upper).

Jan2008 – July2009 : Foundation of Electrical Engineering at University

Malaya.

July2007 – Jan 2008 : Intensive English course at University Malaya with A-

Grade.

2004/2005 : Final result of Secondary school with **89.69%** (First class)

: **First class student** at all secondary school levels.

**Skills**

Technical Skills

Practical and working knowledge in :

1. Electrical wiring(basic)
2. Programmable Logic Controller (**PLC**) :
3. Hydraulic , Pneumatic, Electropneumatic&Autotronics.
4. FPGA Devices

Computer skills

Practical and working knowledge of :

1. **Microsoft Office** - MS Words, Power Point, Excel, Publisher,etc
2. **Autocad**
3. **Matlab**
4. **VHDL Programming**
5. PC-Interfacing (**PCI**) using C++ Builder
6. Computerized maintenance management system(**CMMS**) software.
7. C++ programming (moderate)
8. **Opnet**
9. **Network Simulator (NS2)**

**SOFT SKILLS**

* Self-reliance, hardworking.
* Able to communicate effectively with tough environments.
* Good communication and leadership skills with groups or individuals.
* Able to work independently with tight work schedule.
* Highly motivated and ready to learn something new that out of field interested.
* Impressive presentations skills
* Considerable interpersonnel skills

**LANGUAGE PROFICENCY**

* **English** (Proficient) - Writing & Speaking
* **Malay** (Moderate) - Writing & Speaking
* **Arabic** (Proficient) - Writing & Speaking

**WORK EXPERIENCE**

March 2016- current time : Graduate research Assistant at University Tun Hussein Onn Malaysia (UTHM)

September 2014-Septmeber 2015: Researcher at University Tun Hussein Onn Malaysia

July 2012-Septemper 2012: Industrial Training at SABAFON SDN BHD.

I was exposed to do maintenance and troubleshooting for the server rooms of Sabafon Telecommunication company.

**CO-CURRICULUM ACTIVITIES**

2015 : Champion of **Malay Speech** **Competition** at University Tun Hussein Onn Malaysia (UTHM) 2015

2015 : Participated in The solution for Authors workshop organized by University Tun Hussein Onn Malaysia Library

2014 : Participated in Town & Gown program organized by University Tun Hussein Onn Malaysia.

2013 : Involved in **Finishing school program** organized by Faculty of Electrical & Electronics Engineering

2012 : **Secretary** of University Malaysia Pahang Arabic club

: An effective member at University Malaysia Pahang Intelligentsia club (English club), participated in English Camp (EC), Spell It Right (SIR), and Rakan Muda club.

2011 : participated in **International sport carnival** at Petronas University

2011 : Involved in Engineering Link program

2010 : participated in **NATIONAL ENGINEERING LIKAGE IV** organized by

UMP-IEM-SS

2010 : Winner of **Public speaking** competition at University Malaysia

Pahang, first prize.

2010 : Involved in **The UMP Internationalization program** (**Around the World In One day**), going to Cambodia for two weeks research about silk industry in Cambodia and Malaysia

2005/2006 : President of Yemen Youth general Union in my state.

2003/2004 : Participated in **Physics competition** In Kuwait between Arab Gulf Countries representing Republic of Yemen (Bronze medal).

**PROJECTS**

**PHD in Electrical engineering with technology:**

1. Joint Access Node Selection and Bandwidth Allocation Scheme based on Markov Chain with Extreme
2. Spatial Reuse for 5G Ultra Dense Network
3. Joint Access Node Selection and Bandwidth Allocation Scheme based on Markov Chain with Extreme
4. Spatial Reuse for 5G Ultra Dense Network
5. Joint Access Node Selection and Bandwidth Allocation Scheme based on Markov Chain with Extreme
6. Spatial Reuse for 5G Ultra Dense Network
7. Joint Access Node Selection and Bandwidth Allocation Scheme based on Markov Chain with Extreme
8. Spatial Reuse for 5G Ultra Dense Network

Joint Access Node selection and Bandwidth Allocation Scheme based on Markov chain with Extreme spatial reuse for 5G Ultra Dense Network

**Master of Electrical Engineering**

1. TITLE: Evaluation the influence of transmission range on the performance of Vehicular Adhoc Network (VANET).
2. TITLE: PAT and PX code Sidelobe Reduction Using Wavelet Neural Network.

**Paper Publications:**

* PAT and PX code Sidelobe Reduction Using Wavelet Neural Network. (In the process of publishing in Springer**).**

**Conferences:**

* Presenting at **Machine learning and Signal Processing** International conference at Malacca, Malaysia (15-17 December 2015)

**Degree of Electrical Engineering (Electronics)**

TITLE**: Design of Depth control of Autonomous Underwater vehicle** (AUV)

In this project I used PD VBS (Proportional Derivative Variable Ballast system) and HPDCB VBS (Hybrid proportional derivative condition based Variable ballast system) controller to control the Depth of an Autonomous Underwater Vehicle (AUV) using MATLAB simulation.

**OTHER INFORMATION**

* Able to control emotion during my required job.
* Able to do my work with high level of professionalism and commitment.
* Leisure: sport such as football, Volleyball and table tennis, reading daily newspaper and some engineering scientific magazines

**WHY WOULD BE BETTER TO WORK TOGETHER**

From my point of view, it would be a great chance for me to work in your company to maximize my experience in the engineering field. I am all certain to perform well in this required job and to keen the knowledge from the environment of the real field applications.

**REFERENCES**

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| 1 | **Name** | : | Dr. Nor Shahida binti Mohd Shah |
|  | **Address** | : | Unviersit Tun Hussein Onn Malaysia (UTHM) |
|  | **Telephone** | : | +6074537534 |
|  | **Position** | : | Senior Lecturer |

**Email** : [shahida@uthm.edu.my](mailto:shahida@uthm.edu.my)

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| --- | --- | --- | --- |
| 2 | **Name** | : | Dr.Khairun Nidzam Bin Ramli |
|  | **Address** | : | Parit raja-University Tun Hussein Onn Malaysia |
|  | **Telephone** | : | +6074537624 |
|  | **Position** | : | Senior Lecturer |

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