

## CURRICULUM VITAE

**Name :** *Dr.Eng.Mohamed I.Shujaa*

**Date and Place of Birth:** Baghdad, 1971

**Social Status:** Married and father of two

**Email:** [dralnedawy@yahoo.co.uk](mailto:dralnedawy@yahoo.co.uk)

**Académie email** [drshujaa@eetc.mtu.edu.iq](mailto:drshujaa@eetc.mtu.edu.iq)

**Website:** [www.alnedawy.bravehost.com](http://www.alnedawy.bravehost.com)

**Google site:** <http://sites.google.com/site/drshujaa/>

**Google scholar:**

[https://scholar.google.com/citations?hl=en&user=W4hgJnIAAAAJ&view\\_op=list\\_works&gmla=AJsN-F44uo2bE\\_hWtnsKaBd598Y0NVckeQ2H4yBVE4IUSvWeIx76oLOuIZoTR7hka6i\\_EUEpTVUgrbJtNmyBjFJ24sDPkm2iIlzp7G-NYjtuKXAUA1x3R0&gmla=AJsN-F5KeXRF\\_hG\\_nK21cr\\_mDHZ6g8EB7GYoRjKyuPgFnpX\\_AT3U8vJfOKQuBuAgy0WRciuZLC7O041zJLfMN0LIRawZkLs0RCh2FFOkJXVsqmJibLatNxY&sciund=976728637495681260](https://scholar.google.com/citations?hl=en&user=W4hgJnIAAAAJ&view_op=list_works&gmla=AJsN-F44uo2bE_hWtnsKaBd598Y0NVckeQ2H4yBVE4IUSvWeIx76oLOuIZoTR7hka6i_EUEpTVUgrbJtNmyBjFJ24sDPkm2iIlzp7G-NYjtuKXAUA1x3R0&gmla=AJsN-F5KeXRF_hG_nK21cr_mDHZ6g8EB7GYoRjKyuPgFnpX_AT3U8vJfOKQuBuAgy0WRciuZLC7O041zJLfMN0LIRawZkLs0RCh2FFOkJXVsqmJibLatNxY&sciund=976728637495681260)

**Research gate:** [https://www.researchgate.net/profile/Mohamed\\_Shujaa](https://www.researchgate.net/profile/Mohamed_Shujaa)

**LinkedIn:** <https://www.linkedin.com/in/mohamed-alnedawy-b081b9152/>

**EADS:** 156542

**Affiliation:** MTU, Electrical Engineering Technical College. IRAQ

**Languages:**

1. Speaks, read, and write Arabic, English and Romanian.
2. Understand Other Latin languages

**Specialization: *Computer Engineering and Network***

**Degree:**

Graduate of the Polytechnic university of Bucharest, Faculty of  
Electrical and Computer Engineering (Computer Division)

- PhD in Neural Network, Polytechnic university of Bucharest (2003).
- Bsc. Electrical & Computer Engineering /Polytechnic University BUC. (1996)
- Absolvent of O levels degree from British academic /Nairobi (1978).
- Absolvent of A levels degree from British academic /Nairobi (1988).

**Training and Activities:**

Attended and teaches several training courses, workshops and conferences including:

- Training course of computer techniques /Romania 1995
- Training course in LAN and WAN networkers in the EU institute of Networks
- Training courses in programming languages of computer
- Training courses in design web pages and programming

- Teaches several course for ministry of higher education and research in Baghdad in web design ,computer performance and maintain
- Attended in many conferences in university of technical college Baghdad (with robo-mind research in the field of IT)
- Member of many commission in university as ( higher studies Msc ,Seized commission of research, syllabus commission of IT dept& Computer Dept. of university)
- Certificate in default library from Ministry of education and higher studies in Iraq
- Certificate in instructing and lecture ring models from Ministry of education and higher studies in Iraq
- Gain several of award and greeting and thankful books from minster of higher education and research, president of universities and Dean of faculties.
- Member of several discussion Committees for Msc. Studies.
- Member of instruction commission and instructor of college of engineering electrical and electronic technique-Baghdad

### **Published Researchs& Activities:**

- Author or co-author of several papers in the fields of Circuit Theory, Signal and Image Processing, Neural Networks, Computerized software, published in Iraq and international scientific journals.

1. Research in language interfaces using neural networks (conference in university of thiqr –Iraq)
2. A survey on hidden shades (Bucharest ro.)
3. Project on logic and computer design.
4. Artificial neural networks on image processing.
5. Project on computer securities (viruses & type of attacks.)
6. 3D Finger-Print Identification using 3D Ringlet Transform (using neural Network)
7. Research in Head motion detection published in Babylon University of technology (2013).
8. Personalizing search engine using correlation word, published in IJRET, impact factor 1.55  
IMPACT: International Journal of Research in engineering & Technology (IMPACT: IJRET) ISSN(E): 2321-8843; ISSN(P): 2347-4599, Vol. 2, Issue 8, Aug 2014, 45-52
9. Building web crawler based on bee swarm intelligence algorithms.  
Published IJCSI. Journal –impact factor 0.52.(2013) IJCSI International Journal of Computer Science Issues, Vol. 10, Issue 5, No 1, September 2013, ISSN (Print): 1694-0814 | ISSN (Online): 1694-0784
10. The effect of noise on digital phase locked loop circuit of second order, published on 2018/ University of science city college .Baghdad.(2018).
11. Implementing Bezier Surface Interpolation and N.N in Shape Reconstruction and Depth Estimation of a 2D Image. (Scopus) (AICI publisher)
12. Design and Implementation of AES Using FBGA. International conference on recent invoiation in . . . electrical and electronic eng. 2018. (ICRIEEC)(publish IEEE).
13. Design and Implementation of AES Decryption Using FPGA. (ICNTET- International . . . . . conference on new trend in eng. & technology. IEEE.)
14. ADAPTIVE FILTER FOR AMEMORY HP ADISTORTION IN OFDM SIGNALS. (Scopus) Journal of Engineering g and Applied Sciences.( MEDWELL ).
15. Multiple Parameters Optimization for Cognitive Radio Environment Employing . Intensification and Diversification. (NTCCIT, AlMansur college university international . conference on new trend in computing, communication and information tech.2018.
16. Image Transmission Using Combined Forwarded Error Control and Zero Tree Wavelet . Domains Encoding Over Varying Channel . AlNisour college University Conference . (2018)

### **Professional activities:**

1. Programmer engineer Bucurest.ro 1996
2. Production manager /Tetrapak co-packing factory1998-2000
3. 2004-instructor in ministry of higher education and research university of technical – IT Dept Baghdad
4. 2007-2010 instructor in computer college at (siust) Syrian international university of science and technology
5. 2010- prof., at MTU (Middle Technical University) ,It dept college- Baghdad
6. 2015- prof. at MTU. (Middle Technical University), Electrical Engineering Technical College (EETC).

### **Main Fields of Expertise**

#### **Bsc course:**

1. Programming language C++
2. Computer Architecture
3. Logic design
4. Introduction to Computer and Basics (hardware ,Software)
5. Internet (designing web sides &programming web)
6. Computer information systems (CIS)
7. Information & computer security.
8. Electronics Circuits
9. Electrical Circuits.
10. Operating Systems.
11. network CCNA &CCNP&CISCO
12. Computer network & Security.
13. Network computer protocols.

#### **Msc course & Supervision :**

1. Computer network course.
2. Computer Security course.
3. Multimedia course.
4. Microprocessor course.
5. VLSI Security of AES Encryption system/ supervisor of Msc Student. College of Electrical Engineering Technique. /Baghdad.
6. Wireless Channel Capacity Enhancement with LBER. / Supervisor of Msc Student. College of Electrical Engineering Technique. /Baghdad.
7. Optimal cognition and traffic reducing in MANET./Supervisor of Msc Student. College of Electrical Engineering Technique. /Baghdad.
8. Iot security with stream cipher. ./Supervisor of Msc Student. College of Electrical Engineering Technique. /Baghdad.
9. ADAPTIVE FILTER FOR AMEMORY HP ADISTORTION IN OFDM SIGNALS