



## Dahlia Jasim Mohammed Al-Janabi

**Passport:** B01716624 **Work permit:** Romanian **Nationality:** Iraqi

**Date of birth:** 01/01/1987 **Place of birth:** Ryadh, Saudi Arabia **Gender:** Female

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**Website:** <https://www.webofscience.com/wos/author/record/AAG-5801-2021>

**Website:** [https://scholar.google.com/citations?hl=en&view\\_op=list\\_works&gmla=AH70aAW7Pe5CtUpOfTmih-Qaqyn\\_5PZqf2nfzo5jbSi9Ry4v\\_gVuuvfEn\\_vHfclMnNnuXGmmG2jPjyrnPvlzw&user=Aex6CCwAAAAJ](https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AH70aAW7Pe5CtUpOfTmih-Qaqyn_5PZqf2nfzo5jbSi9Ry4v_gVuuvfEn_vHfclMnNnuXGmmG2jPjyrnPvlzw&user=Aex6CCwAAAAJ)

**Website:** <https://www.scopus.com/authid/detail.uri?authorId=57202501069>

**Website:** <https://orcid.org/0000-0002-1956-7272>

**Website:** [https://www.researchgate.net/profile/Dahlia\\_Al-Janabi](https://www.researchgate.net/profile/Dahlia_Al-Janabi)

**Work:** Str. Baritiu Nr. 26-28, 400027 Cluj-Napoca (Romania)

**Home:** Str. Regele Ferdinand Nr. 29 Ap. 2A, 400110 Cluj-Napoca (Romania)

### ABOUT ME

Computer Engineer (B.Sc. in Computer Communications Engineering). Software Engineer (M.Sc. in software engineering), and a Systems Engineer (PhD in systems Engineering). I have worked with many programming languages starting from basic, pascal, C++, C#, VBasic, Java, and a little VBasic Script, JSP.

### WORK EXPERIENCE

**Technical University of Cluj-Napoca** – Cluj-Napoca, Romania

**Website:** <https://www.utcluj.ro> | **Email address:** [contact@utcluj.ro](mailto:contact@utcluj.ro) | **Name of unit or department:** Faculty of Automation and Computer Science/ Dep. Automation - **Business or sector:** Education

#### Assistant lecturer in university

[ 27/02/2017 – Current ]

- Teaching (Distributed Control Systems, Real-Time Systems, and Software Engineering) Labs
- Translating the material from Romanian to English
- Creating new lab materials for Real-Time Systems, Distributed Control Systems, and Software Engineering
- Participating in research activities and publishing papers as lead author and co-author

**Technical University** – Baghdad, Iraq

**Address:** Str. Sina'a, Baghdad (Iraq) | **Website:** <https://uotechnology.edu.iq> | **Email address:** [contactus@uotechnology.edu.iq](mailto:contactus@uotechnology.edu.iq) | **Name of unit or department:** Faculty of Computer Science - **Business or sector:** Education

#### Assistant lecturer

[ 01/10/2014 – 01/07/2015 ]

- Teaching (Image Processing) Lab
- Updating the lab material

**Ministry of Education and Scientific Research** – Baghdad, Iraq

**Website:** <http://moheer.gov.iq> | **Email address:** [info@moheer.gov.iq](mailto:info@moheer.gov.iq) | **Name of unit or department:** Directorates of Science and Technology/ Information Technology Directorate - **Business or sector:** Education

## Engineer

[ 02/01/2012 – 26/02/2017 ]

Iraqi e-Governance project / Iraqi Portal management and development team:

- Portal maintenance and programming
- Portal statistics
- Creating a guide for the Iraqi ministries e-services
- Managing conferences
- Translating the portal webpages and e-services provided by other ministries to English
- Scientific research
- Correspondence
- Graphic design
- Issuing an index of all the e-services of the Iraqi governmental institutes

Media Documentation Committee:

- Documenting events related to the Iraqi e-governance program
- Creating films, flyers, and newsletters

 **European Union Election Assessment Team** – Baghdad, Iraq

Address: Greenzone, Baghdad (Iraq) | Website: [https://www.eeas.europa.eu/eeas/eu-election-observation-missions-1\\_en](https://www.eeas.europa.eu/eeas/eu-election-observation-missions-1_en) | Name of unit or department: European Union - Business or sector: Activities of extraterritorial organisations and bodies

### Media Monitor

[ 01/03/2010 – 01/04/2010 ]

- Covering print and audio-visual media
- Analyze and translating the news, debates, talk shows, interviews, adverts and the like of any coalition, political party, party leader, and candidates from Arabic into English
- Providing reports consisting of a summary of the mentioned above, computing time for the TV and radio stations, and measuring the space taken by them in newspapers

 **European Union Election Assessment Team** – Baghdad, Iraq

Address: Greenzone, Baghdad (Iraq) | Website: [https://www.eeas.europa.eu/eeas/eu-election-observation-missions-1\\_en](https://www.eeas.europa.eu/eeas/eu-election-observation-missions-1_en) | Name of unit or department: European Union Election Assessment Team - Business or sector: Activities of extraterritorial organisations and bodies

### Media Monitor

[ 01/03/2010 – 01/04/2010 ]

- Covering print and audio-visual media
- Analyze and translating the news, debates, talk shows, interviews, adverts and the like of any coalition, political party, party leader, and candidates from Arabic into English
- Providing reports consisting of a summary of the mentioned above, computing time for the TV and radio stations, and measuring the space taken by them in newspapers

 **Enki Arts Organization** – Baghdad, Iraq

Business or sector: Activities of extraterritorial organisations and bodies

### Program Coordinator

[ 02/01/2011 – 31/07/2011 ]

Juvenile prison education program 2011 Sponsored by the French Embassy

Baghdad, Iraq

- Collecting and translating the daily classes reports
- Correspondence

## EDUCATION AND TRAINING

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### **Training Program for the Teaching Career, 2nd Level (advanced), specialization Software Engineering**

**Technical University of Cluj-Napoca** [ 27/02/2023 – 28/06/2024 ]

**Address:** Strada Constantin Daicoviciu Nr. 15, 400020 Cluj-Napoca (Romania) | **Website:** <https://www.utcluj.ro/> | **Field(s) of study:** Education: • Teacher training with subject specialisation | **Final grade:** 9 | **Level in EQF:** EQF level 7 | **NQF Level:** 7 | **Type of credits:** ECF | **Number of credits:** 35

Principal subjects covered: Adolescents', Young People's and Adults' Psychology and Pedagogy, Educational Programs Design and Management, Didactics of the domain and development in the didactics of the specialisation (Domain Software Engineering), Teaching Practice in Compulsory Pre-University Education (in Secondary School and Tertiary Education) (Domain Software Engineering), Educational communication, Management of school organization.

### **Training Program for the Teaching Career, 1st Level (basic), single specialization (Computer Communications Engineering)**

**Technical University of Cluj-Napoca** [ 30/09/2023 – 24/02/2024 ]

**Address:** Strada Constantin Daicoviciu Nr.15, 400020 Cluj-Napoca (Romania) | **Website:** [https://www.utcluj.ro](https://www.utcluj.ro/) | **Field(s) of study:** Education: • Teacher training with subject specialisation | **Final grade:** 9.5 | **Level in EQF:** EQF level 7 | **NQF Level:** 7 | **Type of credits:** ECTS | **Number of credits:** 35

Principal subjects covered: Educational Psychology, Pedagogy I (The Fundamentals of Pedagogy, Curriculum Theory and Methodology), Pedagogy II (Instruction Theory and Methodology, Assessment Theory and Methodology), Didactics of the Specialisation Computer Communications Engineering), Classroom Management, Computer Assisted Training, Teaching Practice in Compulsory Pre-University Education (1) (Specialisation Computer Communications Engineering), Teaching Practice in Compulsory Pre-University Education (2) (Specialisation Computer Communications Engineering).

### **Ph.D. Systems Engineering**

**Technical University of Cluj-Napoca** [ 02/10/2017 – 14/06/2021 ]

**Address:** Str. Baritiu Nr. 26-27, 400027 Cluj-Napoca (Romania) | **Website:** <https://www.utcluj.ro/> | **Field(s) of study:** Information and Communication Technologies | **Final grade:** Magna Cum Laude/ Very Good | **Level in EQF:** EQF level 8 | **Thesis:** The Development of Cyber-Physical Systems Software Using Object Enhanced Time Petri Nets

■ Principal subjects covered: Distributed control systems, Real-Time Systems, Cyber-Physical Systems, Advanced Systems for Data Communications, Evolutionary Systems, Software Structures for Real-Time Applications, Artificial Intelligence.

### **Preparatory Course for Learning the Romanian Language and Acquiring Specialized Terminology**

**Babes-Bolyai University** [ 01/10/2016 – 30/06/2017 ]

**Address:** Strada Horea Nr. 31, 400394 Cluj-Napoca (Romania) | **Website:** <https://www.ubbcluj.ro> | **Field(s) of study:** Arts and humanities : • Language acquisition

Principal subject covered: Practical Romanian Language Course - Level A1, Practical Romanian Language Course - Level A2, Practical Romanian Language Course - Level B1, Practical Romanian Language Course - Level B2, Romanian Cultural Identity, Romanian Language - Specialized Language: Technical and Economic

### **M.Sc. Software Engineering**

**University of Information Technology and Communications** [ 02/12/2010 – 30/12/2013 ]

**Address:** Str. Nidhal, Baghdad (Iraq) | **Website:** <https://uoitc.edu.iq/> | **Field(s) of study:** Information and Communication Technologies: • Software and applications development and analysis | **Final grade:** Cum laude/ Good | **Level in EQF:** EQF level 7 | **Type of credits:** Percentage | **Number of credits:** 76.722 | **Thesis:** Complexity and Size Code Measures Based on Requirements Engineering Documents

■ Former Iraqi Commission for Computers and Informatics/ Informatics Institute for Postgraduate Studies

■ Principal subjects covered: Object Oriented Modelling & Design, Real Time Software Design, Software Requirement, Computer Security, Internet & Web Technology, Software Project Management, Quality Assurance, Computer Networks, Intelligent Software Systems, Multimedia Design & Authoring

### **Training of Trainers (TOT)**

**University of Baghdad/ College of Science in collaboration with Creativity Horizons** [ 18/12/2013 – 23/12/2013 ]

Address: Str. Jamia, Baghdad (Iraq) | Website: <https://en.uobaghdad.edu.iq> | Field(s) of study: Education | Level in EQF: EQF level 6

In collaboration with Creativity Horizons for training Human Development and Administrative Improvement (www.chthai.com).

### **Network Applications with .NET**

**University of Baghdad/ Computer Center** [ 29/09/2013 – 03/12/2013 ]

Address: Str. Jamia, Baghdad (Iraq) | Website: <https://en.uobaghdad.edu.iq> | Field(s) of study: Information and Communication Technologies | Final grade: Summa cum laude / Excellent | Level in EQF: EQF level 6

Implementation of Network Application with .NET C#

### **Advanced Java Programming**

**University of Baghdad/ college of Engineering** [ 10/02/2013 – 15/02/2013 ]

Address: Str. Jamia, Baghdad (Iraq) | Website: <https://en.uobaghdad.edu.iq> | Field(s) of study: Information and Communication Technologies | Level in EQF: EQF level 6

### **Synergy Web Portal**

**Synergy International Systems with support by UNDP** [ 24/09/2012 – 05/10/2012 ]

Address: Str. Armenak Armenakyan Nr. 2-4, Yerevan (Armenia) | Website: <https://www.synisys.com> | Field(s) of study: Information and Communication Technologies

e-Governance Web Portal Management Tool: Java, Java script, HTML, and CSS.

### **CCNA Exploration: Network Fundamentals**

**Al- Mansour University College/ Cisco Networking Academy** [ 01/10/2010 – 15/03/2011 ]

Address: Str. Nidhal, Baghdad (Iraq) | Website: <https://www.muc.edu.iq> | Field(s) of study: Information and Communication Technologies

Gained skills:

- Explain how communication works in data networks and the Internet
- Recognize the devices and services that are used to support communications across an internetwork
- Explain the role of protocols in data networks
- Describe the importance of addressing and naming schemes at various layers of data networks
- Describe the protocols and services provided by the application layer in the OSI model and describe how this layer operates in sample networks
- Analyze the operations and features of the transport layer protocols and services
- Analyze the operations and features of the network layer protocols and services and explain the fundamental concepts of routing
- Design, calculate and apply subnet masks
- Describe the operation of protocols at the data link layer
- Explain the role of physical layer protocols and services
- Build a simple Ethernet network using routers and switches
- Use Cisco CLI commands to perform basic router and switch configuration and verification

### **IT Essentials I: PC Hardware and Software**

**Al- Mansour University College/ Cisco Networking Academy**

Address: Str. Nidhal, Baghdad (Iraq) | Website: <https://www.muc.edu.iq> | Field(s) of study: Information and Communication Technologies

Gained skills:

- Build, configure, upgrade, and maintain a personal computer system
- Diagnose and resolve problems of a personal computer system
- Install and configure various computer peripheral devices
- Setup, configure, and maintain a local area network
- Resolve network connectivity problems on a local area network using a systematic troubleshooting approach
- Install, configure, upgrade, and maintain Microsoft Windows operating systems
- Diagnose and resolve problems using Microsoft Windows systems tools
- Utilize relevant workplace safety and environmental standards during computer maintenance
- Effectively utilize a customer-oriented approach to resolve user problems
- Provide computer hardware and software support based upon a set of standard and systematic diagnostic principles

## **B.Sc. Computer Communications Engineering**

**Al- Mansour University College** [ 01/10/2004 – 01/07/2008 ]

**Address:** Str. Nidhal, Baghdad (Iraq) | **Website:** <https://www.muc.edu.iq> | **Field(s) of study:** Information and Communication Technologies: • Information and Communication Technologies (ICTs) not further defined | **Final grade:** Medium | **Level in EQF:** EQF level 6 | **Type of credits:** Percentage | **Number of credits:** 67.12 | **Thesis:** PC Based Data Acquisition Systems

Principal subjects covered: Computer Communication Networks, Multimedia Eng. & tech, Digital Signal Processing, Communication, Error Control Coding, Computer Modeling & Simulation, Computer Control systems, Advanced Eng. Mathematics, Field Theory & Antenna, Computer Architecture, Object Oriented Programming, Computer & Data Security, Statistics & Number Methods, Algorithms & Data Structures, Microprocessors, Electronic Circuits, Digital Circuit Design, Electrical Circuit Theory, Physical Electronics, Logic Circuit, Fundamental of Comp. Sys., Engineering Drawing

## **Secondary Stage with all its brances (Baccalaureate)**

**Al- Mutamaeezat Junior-High/High-School** [ 01/09/1998 – 01/07/2004 ]

**City:** Baghdad | **Country:** Iraq | **Website:** <https://epedu.gov.iq> | **Level in EQF:** EQF level 4 | **Type of credits:** Percentage | **Number of credits:** 80

## **LANGUAGE SKILLS**

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**Mother tongue(s):** Arabic

**Other language(s):**

### **English**

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

### **Romanian**

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

### **French**

**LISTENING A2 READING A2 WRITING A2**

**SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## **SKILLS**

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C# / Java / C++ / VBasic / Python / provide teacher support / teach in academic or vocational contexts / mentor individuals / teach university class / curriculum objectives / investigation research methods / assess students / develop course outline / analyse test data / interpret current data / cooperate with education professionals / liaise with educational staff / provide lesson materials / apply teaching strategies / translating lab materials Romanian-English / give constructive feedback / perform project management / translation / Microsoft Office / computer maintenance / graphic design / sketching and drawing logos and caricatures

## NETWORKS AND MEMBERSHIPS

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[ 2009 – Current ] Baghdad

**Iraqi Engineers Union**

## CONFERENCES AND SEMINARS

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[ 2012 ] Baghdad

**Federal – Local Governments Joint Development for e-Governance** Role: management and graphic design

[ 2012 ] Baghdad

**2nd International e-Governance Conference, sponsored by UNDP and Ministry of Science and Technology (Current Ministry of Higher Education and Scientific Research)** Role: management and translation

[ 2012 – 2014 ] Baghdad

**1st and 2nd National Scientific Conference for Women** Role: issuing Logo, graphic design, coordinating the conference papers between the reviewers and the researchers, and management

[ 2014 ] Baghdad

**A press conference to announce the 2nd e-governorate conference, road map documents and evidences for the design and apply e-governance architecture and the public information policy** Role: Management and organization

[ 2014 ] Baghdad

**E-Governorates conference under the slogan “The way to the future” in Iraq** Role: management, organization, and technical support

[ 2015 ] Baghdad

**A workshop for defining the tasks and functions of the Ministry of Science and Technology and their mechanisms of supporting government institutions in shifting towards e-government** Role: a member of Media monitoring/ Media documentation committee

[ 2015 ] Baghdad

**A workshop entitled “The Employment of Networked Human Resources System in Reality”** Role: designing flyers and creating videos related to the event

[ 2018 ] Cluj-Napoca

**IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)** Role: co-author on two papers

[ 2018 ] Sinaia

**22nd International Conference on System Theory, Control and Computing (ICSTCC 2018)** Role: main author on one paper, oral presentation

[ 2019 ] Sinaia

**23rd International Conference on System Theory, Control and Computing (ICSTCC 2019)** Role: main author on one paper, oral presentation

[ 2020 ] Cluj-Napoca

**2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)** Role: co-author on three papers

[ 2019 ] Cluj-Napoca

**2020 IEEE 16th International Conference on Intelligent Computer Communication and Processing (ICCP)** Role: main author on one paper, oral presentation

[ 2020 ] Sinaia

**2020 24th International Conference on System Theory, Control and Computing (ICSTCC)** Role: co- author on one paper

[ 2021 ] Sinaia

**2021 25th International Conference on System Theory, Control and Computing (ICSTCC)** Role: co-author on one paper

[ 2024 ] Cluj-Napoca

**2024 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)** Role: co-author on one paper

[ 2025 ] Cluj-Napoca

**2025 29th International Conference on System Theory, Control and Computing (ICSTCC)** Role: main author of one paper,co-author on another, oral presentation

A handwritten signature in blue ink, consisting of a stylized, cursive script that appears to be the initials 'i.e.s'.