

## *Curriculum Vitae*

*Mouiad Abid Hani AL-Wahaf*



Name: **Mouiad Abid Hani.**

Birth date: **1 \ 8 \ 1975.**

Nationality: **Iraqi.**

Conjugal status: **Married.**

Gender: **Male.**

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### *Certificates:-*

1. High school certificate \ scientific branch -1996.
2. BSc. In Computer Science (**Systems Analysis**) \ University of Technology Baghdad- 2001.
3. MSc. In Computer Science (**Data Security**) \ University of Technology Baghdad- 2004. Thesis entitled “Designing a Simulated IPSec System for Solving Some Internet and Networks’ Security Problems”.
4. ME in Computer Engineering University of South Carolina-2017.
5. High Diploma University of South Carolina-2018.
6. PhD. In Computer Science (**Artificial Intelligence**)“Semantic-Based Access Control Mechanisms in Dynamic Environments”, University of South Carolina- 2019.

### *Membership:-*

1. Iraqi Programmers' Association member since 2002.
2. Iraqi Handicapped Society’s member.

### *Researches:-*

1. Publishing a research entitled “Digital Image Classification Using Clustering Algorithm” which has been published in Thi-Qar University Scientific Magazine, Vol. 2(4). pp. 108-111. Thi Qar, Iraq (2007).
2. A research entitled “Document Fingerprinting Using Secure Hash Algorithm-1 (SHA-1). Published in Al-Mustinsiryia University Magazine, Vol. 19(3). pp. 114-128. Baghdad, Iraq (2008).
3. A research entitled “An Optimized Method for English-to-Arabic Machine Translation”. Published in -Mustinsiryia University Magazine.
4. A research entitled “Enhancement of Isolated-Word Recognition System”. Published in Al-Mustinsiryia University Magazine.
5. A research entitled “Enhancing the *LR* Parsing Strategy using *GPLR* Parsing Method”. Published in College of Science magazine-University of Thi Qar, Vol. 1(4). pp. 83-106. Thi Qar, Iraq (2009).
6. A research entitled “Enhanced MCL Clustering”. Published in College of Science magazine-University of Thi Qar. Vol. 3(1). pp. 107-115. Thi Qar, Iraq (2011).
7. A research entitled “Context-Aware IoT Authorization: A Dynamic and Adaptive Approach.” In 13th International Conference for Internet Technology and Secured Transactions. (ICITST-2018), pp. 64-72. Infonomics Society. London, UK (2018).
8. A research entitled “Semantic-Based Authorization: Need for Context”, International Journal of Digital Society (IJDS), Volume 10, Issue 1, March, , Infonomics Society pp.1450- 1458 (2019).
9. A research entitled “Semantic-based Obligation for Context-Based Access Control”, SECRIPT 2019 - 16th International Conference on Security and Cryptography, pp. 535-540, SCITEPRESS (2019).
10. A research entitled “Monotonic and Non-monotonic Context Delegation”, Published in: Proceedings of the 5th International Conference on Information Systems Security and Privacy, Volume 1: (ICISSP-2019), pp. 449-460. Prague, Czech Republic (2019).
11. A research entitled "Context Delegation for Context-Based Access Control." Published in: Proceedings of 2nd International Workshop on A.I. in Security (IWAISe-2018), pp. 70-79. Dublin, Ireland (2018).
12. A research entitled “Trust as a Pre-Defense Step for IoT Authorization”, 2nd International Conference on Physics and Applied Sciences (ICPAS 2021) Journal of Physics: Conference Series 1963 (2021) 012172, pp. 1-12. IOP Publishing (2021).
13. A research entitled “Semantic-Based Multi-Domain Data Access Authorization”, Iraqi Academics Syndicate International Conference for

- Pure and Applied Sciences. Journal of Physics: Conference Series 1818, pp. 1-14. IOP Publishing, (2021).
14. “Two-Line Defense Ontology-Based Trust Management Model”, International Conference on Innovative Computing and Communications, Advances in Intelligent Systems and Computing 1394, Proceedings of ICICC 2021, Volume 3, pp. 833- 846. Springer Nature Singapore Pte Ltd. Singapore (2022).
  15. “Safety assurance in IoT-based smart homes”. A book chapter in IntechOpen eBooks, 2024. doi: 10.5772/intechopen.1005492. London (2024).

### *Undergraduate Teaching Experience*

1. A teacher in Thi-Qar University, College of Education-Computer Science Dept. from 2005 to 2024.
2. Has taught the **Digital Logic** subject for the first year class, Technology Institute, Baghdad. For the study year 2003-2004.
3. Lecturer of **Compiler Writing, Software Engineering, and Systems Analysis** subjects for the study year 2005-2006. Thi-Qar University, College of Education-Computer Science Dept.
4. Lecturer of **Compiler Writing, Artificial Intelligence, and Automata Theory** subjects for the study year 2006-2007. Thi-Qar University, College of Education-Computer Science Dept.
5. Lecturer of **Automata theory, Artificial Intelligence, and Automata Theory** subjects for the study years 2007-2011. Thi-Qar University, College of Education-Computer Science Dept.
6. Assistant Professor of **Artificial Intelligence and Data Security** subjects for the study years 2010-2012. Thi-Qar University, College of Education-Computer Science Dept.
7. Associate Professor of **Automata theory** subject for the study year 2021-2022. Thi-Qar University, College of Education-Computer Science Dept
8. Associate Professor of **Automata theory** subjects for the study year 2022-2023. Thi-Qar University, College of Education-Computer Science Dept.
9. Associate Professor of **Principles of Information Technology and Information Theory** subjects for the study year 2024-2025. Thi-Qar University, College of Mathematics and Computer Science-IT Dept.
10. Associate Professor of subject **IT Strategies and Policies and IT Security** for the study year 2024-2025. Thi-Qar University, College of Mathematics and Computer Science-IT Dept.

## *Graduate Teaching Experience*

1. Assistant Professor of **Artificial Intelligence** (master studies) subject for the study year 2019-2020. Thi-Qar University, College of Education-Computer Science Dept.
2. Assistant Professor of Artificial Intelligence (master studies) subject for the study year 20220-2021. Thi-Qar University, College of Education-Computer Science Dept.

## *Positions and Employment*

2024-presnt: Associate Professor, Department of IT, College of Mathematics and Computer Science. Thi Qar University, Thi Qar, Iraq.

2021- 2024: Associate Professor, Department of Computer Science, College of Education-Computer Science Dept. Thi Qar University, Thi Qar, Iraq.

2011-2021: Assistant Professor, Department of Computer Science, College of Education-Computer Science Dept. Thi Qar University, Thi Qar, Iraq.

2008-2011: Lecturer, Department of Computer Science, College of Education-Computer Science Dept. Thi Qar University, Thi Qar, Iraq

2005-2008: Assistant Lecturer, Department of Computer Science, College of Education-Computer Science Dept. Thi Qar University, Thi Qar, Iraq.

2006-2007: Computer Programmer and interpreter, Iraqi Organization for Human Rights Coordination (IOHRC), Baghdad, Iraq.

2004-2005: Computer Programmer and interpreter, Bab Nergal Company, Baghdad, Iraq.

2001-2003: Computer Programmer, Galaxy Company, Baghdad, Iraq.

## *MSc Theses Supervised*

1. "Multi-Doman Data Access Authorization", by Noor AbdulKadhim, Department of Computer Science, College of Education-Computer Science Dept. Thi Qar University, Thi Qar, Iraq.
2. "IoT Trust Management Using Semantic Web Technologies", by Wafaa Razzaq, Department of Computer Science, College of Education-Computer Science Dept. Thi Qar University, Thi Qar, Iraq.

3. “Two-Line Defense Ontology-Based Trust Management Model” by Wurood Murad, Faculty of Engineering, Ferdowsi University of Mashhad, Mashhad, Iran.