

CURRICULUM VITAE

PERSONAL DETAIL



Asst. Prof. Dr. Nawzat Sadiq Ahmed

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Google Scholar:

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Research Gate:

<https://www.researchgate.net/profile/Nawzat-Ahmed>

ACADEMIC QUALIFICATION

(Qualification), (Institution).

Bachelor of Computer Science (2000), University of Mosul, Mosul, Iraq
Master Sc Computer Science (2008), University of Duhok, Duhok, Iraq
Doctor of Philosophy (PhD) (2013), Information Systems, Faculty of Computer Science and Information Technology, University of Malaya, Kuala Lumpur, Malaysia

ADMINISTRATIVE DUTIES

(Role), (Level), (Start date),(End Date).

Director of the Computer Centre, University of Duhok, 1-April-2008 – 15-Dec-2008
Instructor in CISCO Networking Academy of Duhok University, 2006 – 2008.
The head of Department, Computer Science Department, Faculty of Science, University of Zakho, 2013-2016.
Director of the Scientific Committee, Computer Science Department, Faculty of Science, University of Zakho, 2013-2014.
Director of the Scientific Committee, Computer Science Department, Faculty of Science, University of Zakho, 2014-2015.
Director of the Scientific Committee, Computer Science Department, College of Administration and Technology, Duhok Polytechnic University, 2014-2015.
Director of the Scientific Committee, Computer Science Department, Faculty of Science, University of Zakho, 2015-2016.
Director of International Relations, Duhok Polytechnic University, 2017-2018.
Director of General Registration, Duhok Polytechnic University, 2018 till now.
Coordinator of Erasmus+ TIGRIS Project, Duhok Polytechnic University, 2017-2020.

COMMITTEE MEMBER

(Role), (Level), (Date).

Committee of Postgraduate, Department of Computer Science, Faculty of Science, University of Zakho, Committee member, 2013-2014. (Department)

Committee of Postgraduate, Department of Computer Science, Faculty of Science, University of Zakho, Committee member, 2014-2015. (Department)

Committee of Postgraduate, Department of Computer Science, Faculty of Science, University of Zakho, Committee member, 2015-2016. (Department)

Committee of coursebook evaluation, Department of Computer Science, Faculty of Science, University of Zakho, Committee member, 2014-2015. (Department)

Committee of course selection, Faculty of Education (Evening), University of Zakho, Committee member, 2014-2015. (Faculty)

Discussion Committee of Master Degree, graduate student(Hajar Masih), Faculty of Science, University of Zakho, Committee member, 2014. (Faculty)

Discussion Committee of Master Degree, graduate student(Ghayath Mustafa Othman), Faculty of Science, University of Zakho, Committee member, 2014. (Faculty)

Examination Committee of Postgraduate, Faculty of Science, University of Zakho, Committee member, 2013-2014. (Faculty)

Examination Committee of Postgraduate, Faculty of Science, University of Zakho, Committee member, 2014-2015. (Faculty)

Committee of University Governance, University of Zakho, Committee member, 2013-2014. (University)

Discussion Committee of Master Degree, graduate student(Wahab Khalaf), Faculty of Science, University of Zakho, Committee member, 2015. (Faculty)

Discussion Committee of Master Degree, graduate student(Yousif Pitros), Faculty of Science, University of Zakho, Committee member, 2015. (Faculty)

Committee of editorial board of the Journal of the University, University of Zakho, Committee member, 2014-2016. (University)

Discussion Committee of Master Degree, graduate student(Azar Abid), Faculty of Science, University of Zakho, Committee member, 2015. (Faculty)

Committee of the National University Ranking, University of Zakho, Committee member, 2014-2015. (University)

Committee of the National University Ranking, University of Zakho, Committee member, 2015-2016. (University)

Committee member of the Scientific, Computer Science Department, College of Computer Science and Information Technology, University of Nawroz, 2015-2016.

Committee member of the scientific research, Duhok Polytechnic University, 2017-2018. (University)

Committee member of the Grants, Duhok Polytechnic University, 2017-2018. (University)

Committee member of the Curriculum Development, Duhok Polytechnic University, 2017-2018. (University)

Committee member of the Examination, Duhok Polytechnic University, 2017- 2018. (University)

Committee member of Regulations Development for New Students Admission, Duhok Polytechnic University, 2018- 2019. (Ministry)

Committee member of the Curriculum Development (Apply Bologna Process, i.e. ECTS), Duhok Polytechnic University, 2018- 2019. (University)

Committee member of Regulations Development for New Students Admission, Duhok Polytechnic University, 2020- 2021. (Ministry)

AREAS OF RESEARCH

(Area).

Database Systems, Data Warehouse and Information Systems
 Distributed Information Systems, Healthcare Information Systems (HISs)
 Cloud Computing, Web Application Development
 E-Government, E-Commerce and E-learning
 Decision Support System
 Management Information System (System design)
 Management Information System (Distributed Data Processing)
 Communication Technology (ICT)
 Information Systems (knowledge management, knowledge sharing, knowledge base)

EXPERT/TECHNICAL CERTIFICATIONS

(Certifications).

Oracle Database 10g: Admin workshop1
Oracle Forms Developer 10g: Build Internet Applications
Oracle Jdeveloper 10g: Build Web Applications
CCNA1 Networking Basic
Research Methodologies
LaTeX Program
Endnote Program
Teaching Methods

TEACHING

(Course Title), (Institution), (Academic Session)

Database System (Oracle Database 10g: SQL Fundamentals I), University of Duhok, Undergraduate, 2007-2008.
CCNA1 Networking Basic, CISCO Networking Academy of Duhok University, 2006-2008.
Database Administration (Oracle Database 10g: Admin workshop I), University of Malaya, Undergraduate, 2010-2011.
Database system (Oracle Database 10g), University of Malaya, Undergraduate, 2011-2012.
Information system and analysis, University of Zakho, Undergraduate, 2013-2014.
Information system and analysis, University of Zakho, Undergraduate, 2014-2015.
Information system and analysis, University of Zakho, Undergraduate, 2015-2016.
E-learning, University of Zakho, Undergraduate, 2013-2014.
Database Technology, University of Zakho, Postgraduate, 2013-2014.
Database Technology, University of Zakho, Postgraduate, 2014-2015.
Object-oriented programming using C++, Department of IT, University of Polytechnic Duhok, Undergraduate, 2013-2014.
Database System, Department of IT, University of Polytechnic Duhok, Undergraduate, 2014- 2015.
Knowledge Management: Tools and Techniques, University of Zakho, Postgraduate, 2014-2015.
Information system and analysis, University of Zakho, Undergraduate, 2015-2016.
Database Administration, University of Zakho, Undergraduate, 2015-2016.
Information system, College of Computer Science and Information Technology, University of Newroz, Undergraduate, 2015-2016.
Advanced Database, College of Computer Science and Information Technology, University of Newroz, Undergraduate, 2015-2016.
Research Methodology, University of Zakho, Postgraduate, 2016-2017.
Advanced Database, University of Zakho, Postgraduate, 2016-2017.
Information system and analysis, University of Zakho, Undergraduate, 2016-2017.
Database System, College of Computer Science and Information Technology, University of Newroz, Undergraduate, 2016-2017.
Data Warehousing, College of Administration and Information Technology, Duhok Polytechnic University, Undergraduate, 2017-2018.
Mobile Technology, College of Administration and Information Technology, Duhok Polytechnic University, Undergraduate, 2017-2018.
Research Methodology, Duhok Polytechnic University, Postgraduate, 2017-2018.
ICDL, Duhok Polytechnic University, Postgraduate, 2017-2018.
Web Application Development I, College of Arts and Science, American University of Kurdistan, Undergraduate, 2017-2018.
Web Application Development II, College of Arts and Science, American University of Kurdistan, Undergraduate, 2017-2018.
Database Systems I, College of Arts and Science, American University of Kurdistan, Undergraduate, 2017-2018.

Web Application Development I, College of Arts and Science, American University of Kurdistan, Undergraduate, 2018-2019.

Database Systems II, College of Arts and Science, American University of Kurdistan, Undergraduate, 2018-2019.

ICDL, Duhok Polytechnic University, Postgraduate, 2018-2019.

Research Methodology, Duhok Polytechnic University, Postgraduate, 2018-2019.

Web Application Development II, College of Arts and Science, American University of Kurdistan, Undergraduate, 2019-2020.

Database Systems I, College of Arts and Science, American University of Kurdistan, Undergraduate, 2019-2020.

Database Systems I, Department of Computer Science, Cihan University-Duhok, Undergraduate, 2020-2021, Semester I.

Database Systems II, Department of Computer Science, Cihan University-Duhok, Undergraduate, 2020-2021, Semester II.

PUBLICATIONS

(Publication).

Academic Journals

Nawzat S. Ahmed and Norizan Mohd Yasin (2010). Inspiring a fractal approach in distributed healthcare information systems: A review. *International Journal of the Physical Sciences* 5(11):1626-1640 (*ISI-Cited Publication*).

Nawzat S. Ahmed and Norizan Mohd Yasin (2014). Factors affecting cooperation among physicians in sharing information within the hospital environment: a study of two hospitals. *J. Comput. Sci.*, 10: 794-808.

Luay I. Sarhan, Akeela M. Atroshi, Nawzat S. Ahmed (2016). A Strategic Planning of Developing Student Information Management System Using SWOT Technique. *Journal of University of Human Development*, Vol.2, No.3, pp515-519.

Vaman M. Haji and Nawzat S. Ahmed (2017). A Web-Based Management Information System for Human Resources in Selected Universities of Duhok Province. *Science Journal of University of Zakho*, Vol. 5, No. 2, pp. 214 –220.

Sadiq, M. H. & Ahmed, N. S. (2019). Classifying and Predicting Students' Performance using Improved Decision Tree C4.5 in Higher Education Institutes. *Journal of Computer Science*, 15(9), 1291-1306.

Ahmed, N. (2019). A User-Based Method to Test the Usability of University of Zakho Website. *Science Journal of University of Zakho*, 7(4), 172-178.

Diler A, Razwan M. Salah and Nawzat S. Ahmed (2020). Integrating Enterprise Resource Planning with the Organizations' Management Structure for Decision Making. *ARO Journal*. (Accepted)

Bareen S. A. Tahir and Nawzat S. Ahmed (2020). Inspiring a Fractal Approach in Kurdistan Higher Education Institutes' Information Systems: A Review. *International Journal of Innovation, Creativity and Change*. (Accepted)

Jahwar, A., & Ahmed, N. (2021). Swarm Intelligence Algorithms in Gene Selection Profile Based on Classification of Microarray Data: A Review. *Journal of Applied Science and Technology Trends*, 2(01), 01-09.

Hasan, B. M. S., & Ahmed, N. S. (2021). Feature selection technique applied in Medical

application by Supervised algorithm: A Review. *International Journal of Science and Business*, 5(3), 190-203.

Hassan, N. S., & Ahmed, N. S. (2021). A Comparative Study of Detect Brain Tumor Based on K-Means and Fuzzy C-Means Algorithms. *International Journal of Science and Business*, 5(6), 21-32.

Shler Farhad Khorshid & Nawzat Sadiq Ahmed (2021). A comparison study: Classification brain tumor based on Support Vector Machine and K-Nearest Neighbors. *International Journal of Science and Business*, 5(6), 12-20. doi: <https://doi.org/10.5281/zenodo.4590054>

Hindreen Rashid Abdulqadir & Nawzat Sadiq Ahmed, 2021. "Fog Computing Analysis Based on Internet of Thing: A Review," *International Journal of Science and Business, IJSAB International*, vol. 5(3), pages 137-147.

Dakhaz Mustafa Abdullah & Nawzat Sadiq Ahmed, 2021. "A Review of most Recent Lung Cancer Detection Techniques using Machine Learning," *International Journal of Science and Business, IJSAB International*, vol. 5(3), pages 159-173.

Academic Conference Proceeding

Nawzat S. Ahmed and Norizan Mohd Yasin (2011). Towards Fractal Approach in Healthcare Information Systems: A Review. *International Journal on Advanced Science, Engineering and Information Technology*, 1, 194-199.

Nawzat S. Ahmed and Norizan Mohd Yasin (2012). Improvement of the Cooperation Feature in Distributed Healthcare Information Systems Based on the Fractal Approach: An Empirical Study. *Advanced Materials Research Vol 463-464 (2012) 861-867 (ISI-Cited Publication)*.

Sadiq Ahmed, N. and Hikmat Sadiq, M. (2018). Clarify of the Random Forest Algorithm in an Educational Field. *2018 International Conference on Advanced Science and Engineering (ICOASE)*.

WORK IN PROGRESS

(Project name), (Sponsor), (Duration).

Database Systems project for PhD and Master students.

WORKSHOPS

(Project name), (Sponsor), (Duration).

Attending research methods workshop, University of Malay, Kuala Lumpur, Malaysia.

Attending Latex workshop, University of Malay, Kuala Lumpur, Malaysia.

Attending research citation management using Endnote workshop, University of Malay, Kuala Lumpur, Malaysia.

Organizing and managing an EndNote workshop for two days (28-29/5/2013) at the University of Zakho.

Attending IT Curriculum Developments Program workshop, organized by University of Sulaimani, University of Zakho and Duhok Polytechnic University, held at the University of Sulaimani for two days (23-24/06/2013).

Attending study visit workshop, University of Groningen, Groningen, Netherlands 10-14 Feb

2018.

Attending study visit workshop, University of Leuven, Leuven, Belgium 15-17 Feb 2018.

Attending Concluding the WP1 of TIGRIS project workshop (EU partners), University of Sulaimaniyah, Sulaimaniyah, Kurdistan Region, Iraq 23-26 Sep 2018.

Attending Annual Dissemination and Conference of TIGRIS project (EU partners), Salahaddin University, Erbil, Kurdistan Region, Iraq 27 Sep 2018.

Attending study visit workshop, University of Groningen, Groningen, Netherlands 10-14 Feb 2018.

Attending Workshop on Project Writing, International Marketing & the Use of Management Information Systems for Smart Administration of Internationalisation, University of Charmo, Sulaimaniyah, Kurdistan Region, Iraq 3-6 Feb 2019.

Attending Workshop on the Development of Internationalisation Strategies, Mobility and Research Cooperation, University of Goettingen, Goettingen, Germany 18-22 Feb 2019.

Attending Workshop on Strategy Development, Change Management and Internationalisation of Doctoral Training & TIGRIS Consortium Meeting, Masaryk University, Brno, Czech Republic 24-26 Jun 2019.

Attending Workshop on Online Platform for Academic TEaching and Learning in Iraq and Iran (OPATEL): Aveiro Training Week, Aveiro University, Aveiro, Portugal 24-27 Feb 2020.

AWARDS AND RECOGNITIONS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

Recognition of the University President, University of Zakho, 2013. (University)

Recognition of the Minister of Higher Education and Scientific Research, 2015. (Ministry)

Recognition of the University President, University of Zakho, 2016. (University)

Recognition of the Minister of Higher Education and Scientific Research, 2017. (Ministry)

Recognition of the University President, University of Zakho, 2017. (University)

Recognition of the Minister of Higher Education and Scientific Research, 2019. (Ministry)

Recognition of the University President, Duhok Polytechnic University, 2019. (University)

Thanks and Appreciation Letter of the best reviewer from the University Presidents of University of Zakho and Duhok Polytechnic University, 2019. (ICOASE 2019, 2nd International Conference)

Recognition of the Minister of Higher Education and Scientific Research, 2018. (Ministry)

Recognition of the University President, Duhok Polytechnic University, 2018. (University)

Recognition of the Minister of Higher Education and Scientific Research, 2019. (Ministry)

Recognition of the University President, Duhok Polytechnic University, 2019. (University)

Recognition of the Minister of Higher Education and Scientific Research, 2020. (Ministry)

Recognition of the University President, Duhok Polytechnic University, 2020. (University)

PRESENTATIONS

(Title), (Event), (Date Presented), (Organiser), (Level).

Towards Fractal Approach in Healthcare Information Systems: A Review. Proceeding of the International Conference on Advanced Science, Engineering and Information Technology, Hotel Equatorial Bangi-Putrajaya, Malaysia, 14 - 15 January 2011. (International)

EndNote workshop, University of Zakho, 28-29/5/2013.(National)

Identifying an area of research, Department of Computer Science, Faculty of science, University of Zakho, 2015. (National)

TIGRIS project's outcomes for Duhok Polytechnic University during the first year of the work package

of this project from 15-10-2017 to 14-10-2018, University of Sulaimaniyah, 24 Sep 2018. (National and International)

Clarify of the Random Forest Algorithm in an Educational Field. 1st International Conference on advanced Science and Engineering from 9-11 October 2018, University of Zakho and Duhok Polytechnic University, Technically Sponsored by IEEE Iraq Section.

SUPERVISION OF POST GRADUATE LEVEL

(Name of Degree), (Name of Candidates), (Title of Thesis), (Academic Session).

Master Degree, Vaman Mohammed Haji, A Web-based Development of Human Resource Management System for University Campus, 2014-2015. (Finished)

Master Degree, Loay Idrees Sarhan, A Web-based Development of Student Management System for University Campus, 2014-2015. (Finished)

Master Degree, Mohammed Mustafa Ibrahim, The Design and Implementation of Electronic Document Management System for the University Campus, 2015-2017. (Finished)

Master Degree, Diler Ahmed Younis, Information System for Inventory Control in the University Campus, 2015-2016. (Finished)

Master Degree, Mohammed Hikmat Sadiq, Analyzing of Students' Performance in Universities Based on Data Mining Techniques, 2017-2018. (Finished)

Master Degree, Bareen Shams Aldeen Tahir, A Fractal-Based Model to Improve Cooperation Between the Universities and the Ministry of Higher Education Information Systems, 2018-2019. (Finished)

EVALUATION ACTIVITIES

(Description), (Evaluation Activity),(Year).

Reviewer for A Hybrid Proposed Imperialist Competitive Algorithm with Conjugate Gradient Approach for Large Scale Global Optimization, University of Zakho, 2014.

Reviewer of Journal of Basic and Applied Research International, Article, 2015.

Reviewer for Numerical Solution of Kawahara Equation using Neural Network, University Duhok, Article, 2015.

Reviewer for Short Term Load Forecasting using Artificial Neural Network, University Duhok, Article, 2015.

Reviewer for Evaluation Broadcasting Video Signals by Wireless Network Parameters between Client/Server, University of Zakho, Article, 2015.

External reviewer of coursebook, Duhok Polytechnic University, 2014.

External reviewer of coursebook, Duhok Polytechnic University, 2015.

External reviewer of coursebook, Nawroz University, 2015.

External reviewer of coursebook, Duhok Polytechnic University (Institution of Amediya), 2016.

External reviewer of coursebook, Duhok Polytechnic University (Institution of Zakho), 2016.

Reviewer for Design and Implementation of Student and Alumni Web Portal, University of Zakho, Article, 2017.

Reviewer for Design and Implementation of an Online Library Management System, University of Zakho, Article, 2017.

Reviewer for the 7th papers submitted to the 2nd International Conference on advanced Science and Engineering (ICOASE 2019), which is organized by the University of Zakho and Duhok Polytechnic University, Technically Sponsored by IEEE Iraq Section.