

DR. MOHAMMAD ANWAR ASSAAD

ASSISTANT PROFESSOR of COMPUTER SCIENCE

TISHREEN UNIVERSITY – SYRIA

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PERSONAL INFORMATION

Birth Date : 18/1/1975

Gender : Male

Nationality : Syrian

Current Residence: Syria, Damascus.

Marital Status : Married

No. of children: 3

Email: mohammadassaad1@gmail.com

Academic Rank: Assistant professor

ACADEMIC RANK

- Assistant professor (2018) Tishreen University - Syria.
- Associate professor (2006-2017), Tishreen University - Syria.
- Lecturer (1997-2000) Tishreen University - Syria.

EDUCATION

Ph.D. in Computer Science/Artificial Intelligence

2006

Graduate school of engineering University François-Rabelais – Tours – France.

Scholarship from the University of Tishreen of Syria.

(DEA) Master in Computer Science

2001-2002

Graduate school of engineering University François-Rabelais – Tours – France.

Scholarship from the University of Tishreen of Syria.

Courses in Computer Science

2000-2001

UFR-MIM, informatics Department,

University of Metz- France .

Assistant in Computer Science

1997-2000

Tishreen University - Syria.

Degree in Mathematics Science, Computer Sciences Section .

1997

Tishreen university - Syria.

TEACHING EXPERIENCE

- Assistant professor, Qasyoun Private University, Department of Informatics Engineering, (2022-2023).
- Assistant professor, Tishreen University, Department of Mathematics, (2018-2022).
- Assistant professor, Alhoash Private University, Department of Informatics Engineering, (2018-2022).
- Assistant professor, Virtual University of Syria, Department of Computer science, (2018-2023).
- Assistant/ Associate professor, Tartous University, Department of Mathematics, (2014-2022).
- Associate professor , Arab Academy for Maritime Transport, (2018-2019).
- Associate professor , Tishreen University, Department of Mathematics, (2006-2017).
- Associate professor , Almanara Private University, Department of Informatics Engineering, (2016-2017).
- Associate professor, AL Kalamoon Private University, Department of Computer Science (2008-2015).
Head of Computer Science Department (2011-2013).
- Associate professor, Almaamon Private University, Department of Informatics Engineering (2007-2010).
- Lecturer at Tishreen University, Department of Mathematics, (1997-2000).

ACADEMIC DUTIES

- Conducting research.
- Teaching graduate, undergraduate courses.
- Supervising, Master, PHD students, and graduation projects.
- Coordinator of the schedule committee which is responsible for the offering of courses and load balancing between staff members in the Faculty.
- **COURSE EXPERIENCE:** Artificial Intelligence, Cyber Security, Information Security, Image and Pattern Recognition, Computer Vision, Artificial Neural Networks, Data science, Computational Theory, Discrete mathematics, Statistics and Probability, Linear algebra, Calculus, Differential equations, Operations Research, Graph Theory, Compiler Design, Computer Graphics, Research Methods, Introduction to Algorithm and Programming, Introduction to Information System, Operating Systems, Advanced Programming in Java, Python, Programming in Pascal, C, C++, C#, Prolog Logic Programming, Computer Skills (Windows, Microsoft Office), Introduction to Computer Science, Programming with MATLAB, Database (Sql, Oracle), Advanced Database(PL/sql, Form Builder).
- **RESEARCH INTERESTS:** Artificial Neural Networks, Fuzzy Logic, Artificial Intelligence, Expert Systems, Image Processing and Pattern Recognition, Internet Technologies and Web Programming, Data Base, Data Mining, Data Science, Discrete Math.

PROFESSIONAL EXPERIENCE

- Head of Computer Science Department(2011-2013) KALAMOON UNIVERSITY – SYRIA.
- Publication of book at Tishreen University entitled "Principles of Computers work". of Computers work".
- Supervising 10 Master students , Department of Mathematics.
- Supervising 1 PHD students, Department of Mathematics
- Supervising 200 graduation projects for students of the virtual university.
- Supervising 100 graduation projects for students of the Applied College.
- A workshop at the College of Architecture entitled Towards a Knowledge Society 2016.
- Workshop of the Skills and Career Guidance Center at Tishreen University (Various software in serving the labor market) 2015.
- Workshop in Tishreen University (Matlab program) 2009.

RESEARCH, ARTICLES, PUBLICATIONS, SEMINARS AND CONFERENCES:

International Articles (Scientific Essays):

- AlRazzo A., Ide N.A.D., **Assaad M.** (2023): "Algorithm for Finding the Roots of Nonlinear Algebraic Equations". Baghdad Science Journal, 2023.
- R. Shaheen, **M. Assaad** and A. Kassem (2021): "On Eternal Domination of Generalized $J_{s,m}$ ", Journal of Applied Mathematics, Vol. 2021.
- Asaad B., **Assaad M.**, (2021): "The Impact of Coronavirus Pandemic on Accommodations Tourist Demand in Syria (Analytical Study of Lattakia Accommodations)". World Academics Journal of Management, Vol. 9, No. 1, pp 21-25.
- R. Shaheen, **M. Assaad** and A. Kassem (2019): "Domination and eternal domination of Jahangir graph", Open Journal of Discrete Mathematics, Vol. 9, No. 3, pp 68-81.
- Shaheen R., **Assaad M.** (2017): "The Domination Number of $P_n \times \overline{P_n}$. " British Journal of Mathematics and Computer Science, Vol. 20, No. 3.
- **Assaad M.**, Boné R., Cardot H. (2008): "A New Boosting Algorithm for Improved Time-Series Forecasting with Recurrent Neural Networks", Information Fusion Journal, Elsevier Science Publishers, Vol. 9, No. 1.

National Articles:

- AlRazzo A., Ide N.A.D., **Assaad M.** (2021): "A new Algorithm by Hybridization Geometric Mean Formula with Fuzzy Logic and Using it to find the Local Minimum Value Solution for Nonlinear Functions". Aleppo University Journal for Research and Scientific Studies - Basic Sciences Series, Vol. 146.
- AlRazzo A., Ide N.A.D., **Assaad M.** (2021): " Classification of x-ray images of covid-19 Disease using artificial intelligence techniques". AL Baath University Journal of Al Baath University, Vol.43.
- **Assaad M.**, Asaad B..(2020): " Efficiency of Using the Artificial Intelligence Model (Fuzzy Logic) in Forecasting the Demand for the Number of Tourists(An Applied Study on Tourist Demand in the Syrian Coast Using Infis Model)". Tartous University Journal of Economic Sciences. Vol. 4, No. 1.
- **Assaad M.**, Osman M.(2019): "Optimization of the fuzzy Huffman network algorithm and its use in the cluster domain". Tarotus University Journal of Economic Sciences. Vol.3, No.1.
- **Assaad M.**, Ahmad AlRazzo (2018): Hybridization between the Genetic Algorithm and the Fuzzy Kohonen Clustering Network and Applying it in Clustering Field. AL Baath University Journal of Al Baath University, Vol. 40.
- **Assaad M.** (2017): Improving Fuzzy Kohonen Clustering Network and Applying it on Iris Data and Medical Image Segmentation. Tishreen University Journal for Research and Scientific Studies - Basic Sciences Series, Vol. 39, No. 4.
- **Assaad M.** (2016): A proposed model for measuring talent degree by using fuzzy logic (Applied study- Master students in the Faculty of Sciences). Tishreen University Journal for Research and Scientific Studies - Basic Sciences Series, Vol. 38, No. 6.
- Hasan M., **Assaad M.**, Esmaeel F. (2011): The Applications of Boosting Algorithm in the Prediction for Sequential Data Using Recurrent Neural Networks. Tishreen University Journal

International Conferences

- **Assaad M.**, Boné R., Cardot H. (2006): Predicting Chaotic Time Series by Boosted Recurrent Neural Networks, 13th International Conference on Neural Information Processing (ICONIP'06), Lecture Notes in Computer Science, Vol. 4233, Springer-Verlag, King et al. (Eds.), Hong Kong, October 3-6, pp. 831-840.
- **Assaad M.**, Boné R., Cardot H. (2006): Boosting Multi-Step-Ahead Forecasting with Recurrent Neural Networks, 26th International Symposium on Forecasting (ISF'06), June 11-14, Santander, Spain, p. 134.
- **Assaad M.**, Boné R., Cardot H. (2005) : Study of the Behavior of a New Boosting Algorithm for Recurrent Neural Networks, Artificial Neural Networks: Formal Models and Their Applications, International Conference on Artificial Neural Networks (ICANN 2005), Lecture Notes in Computer Science, Vol. 3697, Springer-Verlag, W. Duch et al. (Eds.), Warsaw, Poland, September 11-15, pp. 169-174.
- **Assaad M.**, Boné R., Cardot H. (2005): Time Series Forecasting by Ensemble of Recurrent Neural Networks: some New Results, 25th International Symposium on Forecasting (ISF'05), June 12-15, San Anto., Texas, USA, p. 50.
- Boné R., **Assaad M.**, Crucianu M. (2003): Boosting Recurrent Neural Networks for Time Series Prediction, International Conference on Artificial Neural Networks and Genetic Algorithms (ICANN'03), 23-25 April, Roanne, France, In Artificial Neural Nets and Genetic Algorithms, D.W. Pearson, N.C. Steele, R. F. Albrecht (eds), Artificial Neural Networks and Genetic Algorithms, Springer Computer Science, Springer, pp. 18-22.

National conferences (France)

- **Assaad M.**, Boné R., Cardot H. (2006) : Booster les réseaux de neurones récurrents pour la prévision multipas, 13ème Rencontres de la Société Francophone de Classification (SFC 2006), pp. 46-50.
- **Assaad M.**, Boné R., Cardot H. (2006) : Un algorithme de boosting pour la prévision des séries temporelles par réseaux de neurones récurrents, 8ème conférence francophone sur l'apprentissage automatique (CAp 2006), Presses Universitaires de Grenoble, 22-24 mai 2006, Trégastel, France, pp. 267-282.
- **Assaad M.**, Boné R., Cardot H. (2006) : Booster les réseaux de neurones récurrents pour la prévision multipas, 13ème Rencontres de la Société Francophone de Classification (SFC 2006), pp. 46-50.

Book publishing

- International E-Book (2022), Research Aspects in Arts and Social Studies, B P International publishing organization. 27 Old Gloucester Street London WCIN 3AX, UK, Guest House Road, Street – 1/6 , Hooghly, West Bengal, India. ISBN 978-5547-839-9 (Print). ISBN 978-93-5547-840-5 (eBook). Vol(1).

<https://stm.bookpi.org/RAASS-V1/issue/view/786>

IT SKILLS

- Confident in use of various software packages: Windows, Office and others. ICDEL.
- Professional, program MATLAB.

LANGUAGES

- **Arabic** : Mother tongue
- **English**: good (Read, Write and speak).
- **French** : Very good.

PRIZES AND MEDLS

Al-Basel Certificate for Academic Excellence, 1995.

REFERENCES

Name	Position	Telephone	Email
D.r Suliman Mahmod	Professor / Head of Department of Mathematics/Tishreen university	00963937109472	Suliman_mmn@yahoo.com
Dr. Bassel Asaad	General Manager 4 Stars hotel	00963966235490	basselasaadhotel@gmail.com
Dr. Haider Khalil	Doctor / Qasyoun Private University	00963993257772	Haiderkhalil.it.en@gmail.com