Dr. AhmadTayyar (Associate Professor)

📍 Jordan, Amman
📱 +962795290252
✉ ahmad.tayyar@hotmail.com

Professional Experience

Year(s)	Position	University	Country
10/2015 – Present	Associate Professor	Jerash University	Jordan
11/2012 –09/2015	Associate Professor	Isra University	Jordan
2009-2012	Associate Professor	Aleppo University	Syria
2004- 2008	Associate Professor	Isra University	Jordan
1997-2004	Assistant Professor	Isra University	Jordan
1995-1997	Assistant Professor	Aleppo University	Syria
1991-1995	Assistant Professor	Tichreen University	Syria

Education

PhD in Informatics (*Equivalency from Jordan & Syria: Ministry of Higher Education*)	
Thesis Title	A Computer-Aided Geodesy Method
Faculty	FST
Department	Mathematics and Informatics
Ranking	High Distinction
Year	1991
University	Upper Alsace
Country	Mulhouse/ France
M.S. in Informatics(Graduate diploma "Diplôme d'étude superieur:DEA")	
Thesis Title	Theory and numerical experimentation for some linear boundary problems
Faculty	FST
Department	Mathematics and Informatics
Ranking	Good
Year	1987
University	Upper Alsace
Country	Mulhouse / France
BSc	
Faculty	Science
Department	Mathematics
Ranking	Good
Year	1981
University	Aleppo University
Country	Aleppo /Syria
High School	
Stream	Science
Average	79
Year	1974
School	Al-Ma'amoon
Country	Aleppo/Syria

Courses Taught

- Algorithms
- Computer Graphics
- Programming Languages: C, C++, C#, Visual Programming, Visual Basic, Pascal
- Discrete Mathematics
- Numerical Analysis
- Statistical Programs
- Computers Skills (I, II)
- PhD and Master Students' Supervision
- Special Topics in Computer Science

Publications

Title	Year	Author(s)	Publisher
Journal Articles			
A shortest path method on a surface in space	2019	Ahmad Tayyar	International Journal of Advanced Trends in Computer Science and Engineering
Ontology-Based Generation of Random Paths between Two Points	2018	Ahmad Tayyar, Mohammad Ali H. Eljinini	Journal of Theoretical and Applied Information Technology (JATIT). E-ISSN: 1817-3195. Vol. 96, 2018
A Hybrid Method for Finding Correspondences from Un-Calibrated Pair of High Resolution Images	2016	J. Zraqou, W. Alkhadour, A. Tayyar And S. Masaadeh	The Journal of MacroTrendsinTechnology and Innovation
Shortest Path of Metrics TYPE g=f(x,y)*(dx^2+dy^2)	2016	Ahmad Tayyar	International Journal of Computer Science and Information Security, 14(Feb 2016), pp.19-22.
ER7ST– Algorithmfor Extracting Facial Expressions	2016	Ahmad Tayyar, Shadi Al-Shehabi, and MajidaAlBakoor	The International Arab Journal of Information Technology (IAJIT), 13(3), pp.320 – 326. Vol.13.
FBPCC– A New Method for Extracting and coding Facial Expressions	2012	Ahmad Tayyar, Shadi Al- Shehabi, MajdaBakkour	Aleppo University research Journal
An Enhanced Method for Recognizing Face on the Basis of Facial Expressions and Skin Detection	2015	Ahmad Tayyar, Shadi Al- Shehabi, MajdaBakkour	Ba'th University/Syria . Vol. 73. issu 2
An Algorithm for Finding the Widest Regular View port of screen	2012	Ahmad Tayyar	Aleppo University research Journal/Syria. Vol. 85
A New Approach for Forecasting Seasonal Time Series Using Artificial Neural Networks and State Space Models	2013	Ahmad Tayyar, Shadi Al- Shehabi, AmjadMasso	Aleppo University research Journal Vol. 89
Hybridizing support vector regression and exponential smoothing methods for forecasting nonlinear time series	2013	Ahmad Tayyar, Shadi Al- Shehabi, AmjadMasso	Aleppo University research Journal 2013. Vol. 87
Studying Exponential Smoothing	2010	Ahmad Tayyar,	Ba'th University/Syria.

Methods by Using State Space Models		Hamid Al- Oklah, AmjadMasso	Vol. 32.
Expanding Exponential Smoothing Models for Forecasting Time Series with Multiple Seasonal Cycles	2010	Ahmad Tayyar, Shadi Al- Shehabi, AmjadMasso	Aleppo University research Journal
Books			
Algorithms and Pascal Programming	2011	Ahmad Tayyar	Aleppo University Publications
Pascal Programming Basics	2009	Ahmad Tayyar	Aleppo University Publications

Academic Interests

- Algorithms
- Geodesics
- Shortest Paths
- Random Paths
- Boundary Problems

Academic Ranks

Title	Year gained	University	Years of professional experience in the university
Associate Professor	2009	Aleppo University	5
Associate Professor	2004	Isra University	14
Assistant Professor	1991	Tishreen University	4

Postgraduate Students Supervision

IT(PhD) Students	2009-2012	Science, Engineering&Information Technology Faculties	Aleppo University, Syria
IT(Master) Students	2009-2012	Science, Engineering&Information Technology Faculties	Aleppo University. Syria

Conferences

Conference Name	Date	University/Country
6th International Conference on Computing, Engineering and Emerging Technologies (ICCEET 2019)	2019	Dubai/ United Arab Emirates
Algebra and Lie Theory Conference 20-23 June	2018	University Haute Alsace France
6th PARIS International Conference on "Recent Trends in Engineering and Technology" (RTET-17)	2017	France
The MacroTrend Conference: Paris 2015	2015	France
The International Conference on Computer Science, Computer Engineering, and Social Media (CSCESM2014)	2014	Greece
ACIT 2005 (The Arab Conference on Information Technology)	2005	Isra Private University
Thirty sixth scientific week	1996	Aleppo/Syria
Educational Training Course	1994	Techreen University/ Syria

Society Memberships

Society	Position	Duration
Empowerment of the Distinct Competencies of Syrian Residents in Jordan	Coordinator	2016-Present
Computer Friends Club	Member	2005-2007
Syrian Computer Society	Member	1997-Present

Languages

- Arabic
- French
- English