

SAMEER BAWANEH

Phd of applied mathematics & computer sciences

Available on KKTC

A high honor PhD graduate with 14+ years of teaching and research experience, seeking an opportunity to undertake **assistant professor** position in the field of computer sciences, information technology, MIS and applied mathematics and looking forward to continue with a challenging position as assistant professor in the education sector.

Personale Information	Place of Birth	Jordan – Amman
	Date of Birth	Apr. 03, 1979
	Nationality	Jordanian
	Marital Status	Marriage with 3 children

Contact Information	Email	sameer.b@outlook.com
	Mobile	+90 533 8583 599

Language	Arabic: Native Speaker
	English: Upper Intermediate

Education

Education	Topic	University	Startin g Date	End Date	CGPA
PhD of applied Mathematics and computer sciences	Thesis Topic: numerical and analytical algorithm to solve Stability, Existence and Uniqueness of Boundary Value Problems for differential and Fractional Equations	Eastern Mediterranean University, EMU, Cyprus https://www.emu.edu.tr/en	Spring 2017	Spring 2019	CGPA 4/4 (High Honor)
Master of Mathematics	Thesis Topic: avoiding external risk in information technology projects.	Eastern Mediterranean University, EMU, Cyprus https://www.emu.edu.tr/en	Fall 2015	Spring 2017	CGPA 98.75 (High Honor)
Bachelor of computer engineering	Bachelor of Science in Mathematics	Jordan University for Science and Technology, JUST http://www.just.edu.jo/Pages/Default.aspx	fall 1997/1998	Spring 2002/2003	GPA = 65.8 (intermediate)
High school	General Jordanian Secondary Education	Jordan	1997	1998	84.9

Employment and experience

Over 14 years of experience as part time lecturer, researcher, information technology trainer and research assistant

Experience	Duty	Startin g Date	End Date
Full time instructor as asst prof at Rauf Denktas University, northern Cyprus https://www.rdu.edu.tr	Working as full time instructor as asst prof at Rauf Raif Denktas University, iam working as computer technology and programming department coordinator and teaching the following courses on undergraduate level.	Sep 2021	Till now
	✓ Software engineering		
	✓ Programming Languages C#		
	✓ Introduction to Algorithm and Programming using C++		
	✓ Internet Programming using HTML & SCC		
	✓ Advance Algorithm and Programming using C++		
	✓ Algorithms and Data Structures		
	✓ Object Oriented Programming		
	✓ Project management		
	✓ Basic Mathematics		
	✓ Cloud Computing		
	✓ Discrete mathematics		
	✓ Computer Networks and Communication		
Part time lecturer and research assistant at Eastern Mediterranean University, Cyprus https://www.emu.edu.tr	Working as research assistant and part time instructor in Eastern Mediterranean University, teaching the following courses on undergraduate level during 5 semesters.	Feb-09 – 2017	July 2019
	✓ Project management		
	✓ Risk management		
	✓ Calculus 1		
	✓ Probability		
	✓ Statistics		
	✓ Discrete mathematics		
	✓ Calculus 2		
	✓ Real analysis		
	✓ Introduction to linear algebra		
	✓ Information system security		
	✓ Neural computation		
	✓ Data analysis for computer assisted forecasting		
	✓ Numerical methods in computational science		
	✓ Graphic Design		
Teacher Assistant at Eastern Mediterranean University, Cyprus https://www.emu.edu.tr	Working as both collaborative researcher and teacher assistant in Eastern Mediterranean University, focused on the following topics.	Oct-15 – 2015	Jan-17 - 2017
	Assist teachers with lesson preparation by getting materials ready.		

	Revise lesson material with students individually or in small groups.		
	Oversee students during non-classroom times including in-between classes.		
	Collaborate with lead teachers to recognize issues students are facing and recommend solutions.		
	Helping lead teachers to create lesson plans.		
	Teaching the recommended tutorials by lead teachers for students individually or in small groups.		
Information technology trainer at National Technology Group in Saudi Arabia	9 years of experience as information technology trainer for project and risk management at NTG in Saudi Arabia.	July-17 - 2005	July-16 - 2014
Teacher assistance at Balqa University	Working as teacher assistant in Balqa University, teaching the following courses on undergraduate level during 5 semesters.	Sep – 2003	Sep - 2005
	Prepare lessons for lab tutorials and design class examples for hands-on instruction		
	Instruct students on use of complete MS Office package, and web page design		
	Prepare and grade assignments and exams		
	Preparation of initial lesson plan template for all adjunct faculty members		
	Instruct students on basic concepts of computer literacy (Introduction)		
	Instruct students on advanced use of MS Word and MS Excel (Advanced)		
	Prepare lessons for lab tutorials and design class examples		
	Prepare and grade assignments and exams		
	Assist undergraduate and graduate students with term papers, research papers and projects		
	Help students understand and implement proper grammar skills		
	Work with ESL students to improve IT & programming skills		
	Online tutor for students who submit papers via an online web interface		

	Assist instructor with preparation and grading of assignments and exams		
	Provide additional assistance to students outside of classroom hours		

Publication

#	Journal Name & Index	Status	Article title	link
1	MDPI - Fractal Fract Journal	Accepted and published NOV 2021	Ulam–Hyers Stability and Uniqueness for Nonlinear Sequential Fractional Differential Equations Involving Integral Boundary Conditions	https://www.mdpi.com/2504-3110/5/4/235/pdf
	Science Citation Index Expanded - Web of Science			
	Scopus (Elsevier)			
	Web of Science (Clarivate Analytics)			
	zbMATH (FIZ Karlsruhe)			
	Current Contents - Physical, Chemical & Earth Sciences (Clarivate Analytics)			
2	Mathematics Journal	Accepted and published 2019	On a Coupled System of Fractional Differential Equations with Four Point Integral Boundary Conditions	Mathematics 2019, 7 (3), 279; https://doi.org/10.3390/math7030279
	Science Citation Index Expanded - Web of Science			
	Scopus (Elsevier)			
	Web of Science (Clarivate Analytics)			
	zbMATH (FIZ Karlsruhe)			
3	The European Journal of IT and Project Management	Accepted and published 2019	The impact of risk management of E-Banking	http://www.onlineproject.net/volume1-issue2/
	Index of Turkish Education			
	Eurasian Scientific Journal Index			
	Directory of Research Journal Indexing (DRJI)			
	International Scientific Index			
	Science Citation Index Expanded			
	SCImago			
	Scopus			
	Summon by Serial Solutions			
4	MDPI - Mathematics Journal	Accepted with minor revision final revision submitted on 27/july/2019 2019/ under review	Existence and Stability of Coupled Sequential Fractional Differential Equations with Integral Boundary Conditions	https://www.mdpi.com/journal/mathematics
	Science Citation Index Expanded - Web of Science			
	Scopus (Elsevier)			
	Web of Science (Clarivate Analytics)			

Conference (web of science)

#	Conference Name	Status	Article	Link
1	IETC 2019 - International Educational Technology Conference	Accepted to be published	The effect of EWOM on educational business	http://www.iet-c.net/
2	Proceedings of International Conference on Fractional Differentiation and its Applications (ICFDA) 2018, Amman, Jordan	Accepted and published	On a Coupled System of Fractional Differential Equations with Integral Boundary Conditions	https://ssrn.com/abstract=3281322 or http://dx.doi.org/10.2139/ssrn.3281322
3	The 6 International Conference on Control and Optimization with Industrial Applications, 11-13 July, 2018, Baku, Azerbaijan	Accepted and published	On a coupled system of fractional differential equations with integral boundary conditions	http://www.coia-conf.org/upload/editor/files/COIA_2018_V1.pdf
4	International Conference on Contemporary Issues in Education ICCIE 2017, Cyprus	Accepted and published	Cloud Computing Architectural Design Model for Scientific Research and Unified Education System	http://www.cmdconf.net/2017/proceedings.pdf#page=181

Research Projects



#	Research Project Name	Period/ Month	Start date	End Date	funded by
1	Analytical solution for Finite-time stability of a class of oscillating systems with two delay using Mathematica.	Four	15-Jan-19	14-May-19	Graduate Studies and Research Institute, Eastern Mediterranean University https://www.emu.edu.tr/en/research/research-centers/766
2	Stability simulation of three-point non-linear boundary-value problems using Mathematica.	Three	3-Apr-18	2-Jul-18	
3	Numerical -Analytic Method to the Investigation of nonlinear boundary-value problems of a certain type with nonlinear boundary conditions	Six	27-Jun-18	26-Dec-18	
4	On q-Analogue and (p,q)-Analogue of Gamma and Beta Functions	Three	1-Feb-16	30-Apr-16	

Academic Volunteer Work

#	Duty	Journal Name	Starting Date	Link
1	Associate Editor	Online Journal of Art and Design	2017	http://www.adjournal.net/
2	Reviewer	European Journal Of Science and Mathematics Education	2018	http://scimath.net/
3	Editor in Chief	Online Mathematics Journal (OMJ)	2019	http://www.onlinemathematics.net/
4	Editor in Chief	The Artificial Intelligence Innovations Journal	2019	http://www.aijournal.net/
5	Editor in Chief	The European Journal of IT and Project Management	2019	http://www.onlineproject.net/

Computer and Programming Skills

Programming	Language	Level of experience
	C++, C#	Professional
	Java, JScript .NET, JScript	
	Visual Basic and .NET	
	Mathematica	Upper Intermediate
	Matlab	Intermediate
	LaTex	Upper Intermediate
Computer	Mathtype	Upper Intermediate
	SPSS	Upper Intermediate
	Adobe Photoshop	Intermediate

#	Certificate	Logo
1	Microsoft certified professional trainer (2012)	
2	Microsoft Office specialist master instructor	

Personal Skills

- ✓ Excellent track record and experience of teaching mathematics at undergraduate level.
- ✓ Experienced in helping students understand mathematical concepts and developing interest for the subject.
- ✓ Ability to develop constructive relationship with students and guide them in developing their academic skills and performance.
- ✓ Great passion for teaching mathematics and dealing with student's educational problems.
- ✓ Skilled in observing and assessing academic strengths and weaknesses of students and working on them.
- ✓ Strong interpersonal skills and interested in collaborating with colleagues and students in research and extra-curriculum academic activities.
- ✓ Excellent academic writing and search skills.
- ✓ Comfortable with working in dynamic and complex situations.
- ✓ Proficient in the territory language (native Arabic speaker) and English (Other Languages being an asset).
- ✓ Highly focused, energetic, and conscientious.

Interested research area in

#	Area	Topic
1	Fractional Differential Equations	Stability, Existence and Uniqueness of Boundary Value Problems, Computational Analytical and numerical solution
2	Project management	All field of project management
3	Risk management	External and internal risk management
	Differential Equations	Stability of Differential equations with delays

References

#	Name	Position	Email	Web Page
1	Prof. Dr. Nazim Mahmudov	Chair, Department of Mathematics, EMU	nazim.mahmudov@emu.edu.tr	http://staff.emu.edu.tr/nazimmahmudov/en
2	Assist. Prof. Dr. MEHMET BOZER	Vice Dean of Art And sciences faculty, Department of Mathematics, EMU	mehmet.bozer@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=289&n=mehmet-bozer
3	Prof. Dr. AGHAMIRZA BASHIROV	Instructor, Department of Mathematics, Eastern Mediterranean University	agamirza.bashirov@emu.edu.tr	https://math.emu.edu.tr/en/about-us/staff/staff-detail?sid=278&n=aghamirza-bashirov