PERSONAL INFORMATION

Name	**EINI KELESHTERI, MARZIEH**
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OBJECTIVE

To obtain a career that encourages original ideas, research, creativity and development where my multidisciplinary experience in pure mathematics, applied mathematics and computer sciences will be an asset.

EDUCATION AND TRAINING

• Dates (from – to)	2011-2015
• Name and type of organization providing education and training	Eastern Mediterranean University(North Cyprus) PhD degree in mathematics (*High Honor student*)
• Principal subjects	Special Functions, q-Calculus, q-Polynomials, q-Orthogonal Functions, q-Series, q-Differential Equations, q-Fractional Calculus.

• Dates (from – to)	2009-2011
• Name and type of organization providing education and training	Eastern Mediterranean University(North Cyprus) Master degree in applied mathematics and computer science (*High Honor student)*
• Principal subjects	A survey on mathematical modelling of cancer incidence rates

• Dates (from – to)	2004-2007
• Name and type of organization providing education and training	Esfahan University(Iran) Master degree in Pure mathematics
• Principal subjects	Fixed points, Minimax inequalities and Equilibria of non-compact abstract economies

• Dates (from – to)	1998-2003
• Name and type of organization providing education and training	Kashan University(Iran) Bachelor degree
• Principal subjects	pure mathematics

WORK EXPERIENCE

• Dates (from – to)	2009-2015
• Name and address of employer	Eastern Mediterranean University, North Cyprus
• Type of business or sector	University
• Occupation or position held	Research Assistant
• Main activities and responsibilities	Lecturer in mathematics and computer courses: Calculus I & II, Linear algebra and differential equations, Geometry, Matlab laboratory for numerical analyses, Functional analysis, Probability and Statistics, Object oriented programming languages, Discrete mathematics and combinatorics and other mathematical undergraduate courses.

• Dates (from – to)	2006 -2009
• Name and address of employer	Elmi karbordi University, Alavijeh, Esfahan, Iran.
• Type of business or sector	University
• Occupation or position held	part time Lecturer
• Main activities and responsibilities	Calculus (I & II), Differential equations, Probability and Statistics, Algorithm and flowchart, C++.

• Dates (from – to)	2006 -2009
• Name and address of employer	Sama University, Khorasgan, Esfahan, Iran.
• Type of business or sector	University
• Occupation or position held	part time Lecturer
• Main activities and responsibilities	Calculus (I & II), Probability and Statistics, Matlab, Maple, Application of excel in accounting, Numerical computing. .

• Dates (from – to)	2006 -2009
• Name and address of employer	Payame Noor University, Shahin shahr, Esfahan, Iran.
• Type of business or sector	University
• Occupation or position held	part time Lecturer
• Main activities and responsibilities	Differential equations, Analysis (3).

• Dates (from – to)	2006 -2009
• Name and address of employer	Azad University, Ardestan, Esfahan, Iran
• Type of business or sector	University
• Occupation or position held	part time Lecturer

• Main activities and responsibilities	Calculus (1 & 2), Probability and Statistics.
• Dates (from – to)	2003-2006
• Name and address of employer	Parvine Etesami high school, Esfahan, Iran
• Type of business or sector	High school
• Occupation or position held	Part Time Teacher
• Main activities and responsibilities	Mathematical courses.
• Dates (from – to)	2003-2006
• Name and address of employer	Part IT, Iran
• Type of business or sector	Technical and Vocational Training Organization
• Occupation or position held	Teacher
• Main activities and responsibilities	ICDL courses for the government employees, graphical soft wares such as Adobe Photoshop, Freehand, Corel draw, Dos operating system, Algorithm and flowchart, programming. .
• Dates (from – to)	2003-2006
• Name and address of employer	Esfahan University, Iran
• Type of business or sector	University
• Occupation or position held	Teaching Assistant
• Main activities and responsibilities	Lecturer in analysis I. .

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	**PERSIAN**

OTHER LANGUAGES

ENGLISH

• Reading skills	FLUENT
• Writing skills	FLUENT
• Verbal skills	FLUENT

TURKISH

• Reading skills	GOOD
• Writing skills	GOOD
• Verbal skills	GOOD

SOFTWARE

• PROGRAMMING	Pascal, Visual basic, C, C++, Java.
• OFFICIAL AUTOMATION	Microsoft Office (word, excel, access, power point)
• MATHEMATICAL SOFT WARES	Advanced Matlab, Maple, Latex, Scientific WorkPlace.
• GRAPHICAL SOFT WARES	Advanced Adobe Photoshop, Corel Draw, Freehand, Adobe illustrator.

STANDARDS

The procedure of teaching (51 hours).
Certificate of management.
Certificate of graphical teaching.
Certificate of establishing a computer institute

SCHOLARSHIPS

1- Master Scholarship, Eastern Mediterranean University, 2009-2011.
2- PhD Scholarship, Eastern Mediterranean University, 2011-2016.

PUBLICATIONS

1- Marzieh Eini Keleshteri and Nazim I. Mahmudov, A Study on q-Appell Polynomials from Determinanatal Point of View, Applied Mathematics and Computation, Vol. 260 (2015) 351–369, arXiv: 1411.7400.
2- Nazim I. Mahmudov and Marzieh Eini Keleshteri, q-extensions for the Apostol type polynomials. J. Appl. Math. (2014), Art. ID 868167, 1-8, doi:10.1155/2014/868167.
3- Nazim I. Mahmudov and Marzieh Eini Keleshteri, On a class of q-Bernoulli and q-Euler polynomials. Adv. Difference Equ. Vol. 2013, No. 108 (2013) 1-11.

http://link.springer.com/article/10.1186/1687-1847-2013-115#

4- Probability and Statistics pamphlet for entrance examination of bachelors' students with multiple choice tests. Published and used as lecture's book in Kavian Emadi institute particularly for global entrance examinations of universities for master programs in science and engineering.

PREPRINTS

1- Marzieh Eini Keleshteri, On the class of generalized 2D q-Appell polynomials, submitted to IMACS journal Applied Numerical Mathematics.
2- Nazim I. Mahmudov and Marzieh Eini Keleshteri, A q-Umbral Approach to q-Appell Polynomials, to be submitted to Journal of Number Theory.

ATTENDED CONFERENCES

1. International conference of Mathematics, Ghias Adin Jamshid Kashani, Kashan University: October 2000.

2. International conference of Nonlinear Analysis, Esfahan University: April 2007.
3. New Trends in Numerical Analysis, Theory, Methods, Algorithms and Applications, A conference dedicated to Professor Francesco A. Costabile on his 70th birthday, held on 18-21 June 2015, in Falerna, Italy.

TALKS AND PRESENTATIONS

4. A Generalized Algebraic Approach to Bernoulli and q-Bernoulli Numbers and Polynomials in New Trends in Numerical Analysis, Theory, Methods, Algorithms and Applications, A conference dedicated to Professor Francesco A. Costabile on his 70th birthday, held on 18-21 June 2015, in Falerna, Italy.
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REFERENCES

Professor Dr. Nazım Mahmudov

• Affiliation	Eastern Mediterranean University: Chair of the Department - Supervisor
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