

PROFESSIONAL RESUME

(July 2019 – Tir 1398)

1) PERSONAL ID

First Name : Amir
Second Name : Daneshgar
Sex : Male
Date of Birth : November, 2nd, 1967
Place of Birth : Tehran/Iran
Nationality : Iranian
Marital Status : Married

2) CURRENT STATUS/ADDRESS

Professor in Mathematics
Sharif University of Technology
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3) COURSE OF EDUCATION

Ph.D. in Math.	Dept. of Math. Sci., Sharif Univ. Tech.	1992 – 1995
M.Sc. in Pure Math.	Dept. of Math., Iran Univ. Sci. Tech.	1990 – 1992
B.S. in Digital Electronics & Computer Hardware	Department of Elect. Engineering, Sharif Univ. Tech.	1985 – 1990
High School	Gifted and Talented Students School (Allameh Helli Tehran)	1982 – 1985

4) **ACADEMIC POSITIONS**

Assistant Researcher	:	Electronics Research Center, Sharif Univ. Tech., 1986 – 1992
Committee member	:	National Math. Olympiad Committee, 1994 – 1998
Researcher	:	Institute for Studies in Theoretical Physics and Mathematics (IPM), 1993 – 2002
Lecturer	:	Sharif Univ. Tech., 1992 – 1995
Assistant Professor	:	Sharif Univ. Tech., 1996 – 2001
Associate Professor	:	Sharif Univ. Tech., 2001 – Summer 2006
Professor in Mathematics	:	Sharif Univ. Tech., Summer 2006 – ...
Vice-chairman in Academic Affairs	:	Dept. Math. Sci., Sharif Univ. Tech. 1998 – Fall 2003
Vice-chairman in Research Affairs	:	Dept. Math. Sci., Sharif Univ. Tech. Fall 2003 – Fall 2006
Dean of Graduate Studies	:	Sharif Univ. Tech., Fall 2006 – 2012
Vice-chairman in Research Affairs and Graduate Studies	:	Dept. Math. Sci., Sharif Univ. Tech. Spring 2013 – 2016
Chairman	:	Dept. Math. Sci., Sharif Univ. Tech. Fall 2016 – ...

5) **FIELDS OF INTEREST**

General System Theory, Operator Theory,
Category Theory, Combinatorics, Graph theory
Computer Science, Cryptography, Artificial intelligence,
Ordered Structures, Ordered Algebras, Fuzzy and Complex Systems.

6) COURSES TAUGHT

– Undergraduate Level:

Calculus (General Math. I & II)
Linear Algebra
Algebra I, II
Analysis I, II, III
General Topology
Differential Equations
Discrete Mathematics
Graph Theory & Applications
Combinatorics & Applications
Automata & Languages
Computer Organization and Design
Category Theory and Its Applications
Stochastic Processes

– Graduate Level:

Category Theory
Graph Theory
Linear Operators
Functional Analysis
Theory of Computation
Advanced Theory of Computation
Complexity Theory
Foundations of Soft-Computing
Foundations of Cryptography
Advanced Cryptography
Mathematical Foundations of Data Science
Concentration of measure

7) DISTINCTIONS RECEIVED

Scholarship of Inst. Studies in Theoretical Phys. and Math. (IPM),	1992 – 1995
Distinguished Ph.D. Student, Dept. Math., Sharif Univ. Tech.	1995
Distinguished Researcher, Sharif Univ. Tech.	1997
Winner of <i>The First Mehrabadi Prize</i> , Sharif Univ. Tech. & IMS	1998
Winner of <i>The 2nd Young Mathematician Prize</i> , IPM	2002
Distinguished Instructor, Dept. Math. Sci., Sharif Univ. Tech.	2004
Distinguished Instructor, Dept. Math. Sci., Sharif Univ. Tech.	2008
Distinguished Instructor, Dept. Math. Sci., Sharif Univ. Tech.	2015