NAYA NAGY

ASSISTANT PROFESSOR

Personal Data

Nationality | Canadian

Date of Birth | 08/05/1970

Department | Computer Science

Official IAU Email | nmnagy@iau.edu.sa

Office Phone No. | -

Language Proficiency

Language	Read	Write	Speak
Arabic	Yes	-	-
English	Yes	Yes	Yes
Others	German, French	German	German

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2010	PhD	Queen's University	Kingston, Canada
2001	MSc	Queen's University	Kingston, Canada
1993	BSc	Technical Univ. of Cluj	Cluj, Romania

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Queens' University, Canada, 2010, Computer Science
Master	Queens' University, Canada, 2001, Computer Science
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Imam Abdulrahman Bin Faisal University	Dammam, KSA	2014 - present
Assistant Professor	Prince Mohammad Bin Fahd University	Al KHobar, KSA	2010-2014
Software Developer	Molecular Mining	Kingston, Canada	2001-2003

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Female Coordinator	Prince Mohammad Bin Fahd University, College of Computer Engineering and IT	2011-2014

Scientific Achievements

Published Refereed Scientific Researches
(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Marius Nagy, and **Naya Nagy**	*Quantum Oblivious Transfer: a secure practical implementation*	*appeared online in Quantum Information Processing, DOI 10.1007/s11128-016-1438-1, September 2016.*
2	**Naya Nagy**, Marius Nagy and Paul Hodor	*Cryptography and Information Protection in the Living World*	*International Journal of Unconventional Computation, June 2016, vol.12, no2-3, pages 133-143.*
3	Marius Nagy and **Naya Nagy**	*Quantum-based secure communications with no prior key distribution*	*Soft Computing, January 2016, 20:(87-101) (DOI 10.1007/s00500-014-1555-7)*

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	**Naya Nagy** and Marius Nagy	*Quantum bit commitment – within an equivalence class*	*to appear in International Journal of Unconventional Computation.*	2016

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Ahmet Emin Tatar, Marius Nagy, and **Naya Nagy**	*The Cost of Breaking a Quantum Bit Commitment Protocol on Equivalence Classes*	*to appear in SECRYPT 2016, 13-th International conference on Security and Cryptography, July 2016.*
2	Alla Altalib, Yomna Al-Ibrahim, Zahra Almahfoudh, Marius Nagy, **Naya Nagy**	*Security Measures in a Keyless Quantum Communication Protocol*	*2015 Fifth International Conference on e-Learning, Manama Bahrain, pages 53-57, October 2015, 978-1-4673-9431-4/15 © 2015 IEEE, DOI 10.1109/ECONF.2015.33*
3	**Naya Nagy**, Marius Nagy, Selim G. Akl	*Communicating Secret Information without Secret Messages in Wireless Sensor Networks*	*2015 Fifth International Conference on e-Learning, Manama Bahrain, October 2015, pages 29-34, 978-1-4673-9431-4/15 $31.00 © 2015 IEEE, DOI 10.1109/ECONF.2015.32*

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Algorithm Analysis and Design	CS 412	2016-2017, Term 1, 2 sections, all lectures
2	Mobile Application Programming	CS 526	2016-2017, Term 1, 2 sections, all lectures, and all labs
3	Web Based Systems	CIS 423	2015-2016, Term 2, 2 sections, all lectures, and all labs
4	Logic and Proof Techniques	MATH 401	2015-2016, Term 1, 2 sections, all lectures, 2014-2015, Term 1, 2 sections, all lectures
5	Advanced Programming Language	CS 516	2014-2015, Term 2, 1 section, all lectures

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	CS 412 – Algorithm Analysis and Design
2	CS 526 – Mobile Application Programming
3	CIS 423 – Web Based Systems
4	MATH 401 – Logic and Proof Techniques
4	CS 516 – Advanced Programming Language

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
1	Algorithm Analysis and Design, CS 412	Yes		Yes		2015	present
2	Web Based Systems	Yes		Yes		2015	2015
3	Logic and Proof Techniques	Yes		Yes		2015	2015
4	Advanced Programming Language	Yes		Yes		2015	2015

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
	BSc	Framework for Algorithmic Development of Massage Therapy	IAU, College of Computer Science and IT, Department of Computer Science	2016

Administrative Responsibilities, Committee and Community Service

(Beginning with the most recent)

Committee Membership

#	From	To	Position	Organization
	2014	2016	Member	Board of the Department of Computer Science, IAU
	2015	2016	Member	ABET committee, College of Computer Science and IT, IAU

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2013	2014	Teaching English and life skills	Sama'l, organization for orphan girls

Last Update

11/06/2016