C. V.

❖ Personal Details

Name:	**Akram Abdulbagi Mohammed Naji**
Address	Department of Mathematics
	School of Art & Sciences
	Najran University, Najran, KSA
e-mail:	aanaji@nu.ed.sa
	akramgharsan@yahoo.com
Nationality:	Yemen
Mobile no.	+966568222365 - +966501534161

❖ Education and Qualifications

2005 - 2011	Ph.D. in Applied Mathematics (Cryptography)
	School of Mathematical Sciences
	USM,
2003 - 2005	M. Sc. Information Technology
	School of Computer Science
	USM,
	Pulau Pinang, Malaysia, 11800
2002-2003	English Language Division,
	International Islamic University Malaysia
	Gombak, Kuala Lumpur
	English Language Skills
1993-1997	Faculty of science, Sana'a University
	Sana'a, Yemen
	B.S. Mathematics with Computer Science
1989-1992	Abdul Nasser Secondary School
	Abdul Moghni Street, Sana'a, Yemen

My interesting research is in number theory, cryptography and information security. My Ph.D. was in developing and proposing new Digital Signature schemes. I proposed new schemes (refer to my publications). The title of my thesis is "RSA Variant Digital Signature Schemes in Public-Key Cryptography and Identity-based Cryptography and their Respective Applications". "Attached the abstract"

I got my master degree in information technology at USM, Malaysia and my graduate project was on e-commerce field (Bookshop Online System). I established a website for a book shop using ASP with HTML. I got my B.Sc. degree with major in Mathematics (62 credits), minor in Computer Science (26 credit) and my B. Sc. graduate project was on Stock Control System.

❖ Teaching Experience

2012-2020	Assistant Prof. at Depart. of Mathematics , Najran University, KSA
2012-2020	Coordinator of Basic Sciences, Deanship of Preparatory year Najran University, KSA
1998-2001	Faculty of Education, Sana'a University Tutor
1997-1998	Computer Officer, Faculty of Science, Sana'a University

❖ **Course Taught**

- Foundations of Mathematics
- Calculus I , II , and III
- Differential Equations
- Number Theory
- Introduction to Statistics and Probability
- Programming Language (Python)
- Mathematical Software

❖ **ACADEMIC POSITIONS:**

2012-2020	Coordinator of Basic Sciences Depart., Deanship of Preparatory year, Najran University, KSA
1-6/2013	Coordinate of the project of designing Organizational Structures for the College of Science and Arts

❖ **Workshop Attendance**

4-5/02/2012	Quality standards in the educational process
25-26/02/2012	Writing competitive research projects
14-15/05/2013	The Program Description and Preparation of Annual Reports
02-03/10/2013	Preparing a Self-Study Report for the Academic Program
20-21/11/2013	Performance Indicators and Benchmarking
9-10/03/2014	Assessment of Course Learning Outcomes
12-13/04/2016	Design the Improvement Plans based on of the Quality Requirements
11/12/2016	The Standards for Evaluating the Performance of the Academic Staff Members.
04/10/2017	The Professional Leadership of the Head of the Academic Department
22/11/2017	Create Interactive Professional Content and Publish It Online
14/1/2019	The System of Preparing Study Plans at the University of Najran
18/03/2019	Create and Manage Virtual Classroom Session (Blackboard)

❖ **Award & Scholarship**

M. Sc. & Ph.D. Fellowship, which covers fees and living expenses in Malaysia from Sana'a University (2002-2010).

❖ **Language**

Arabic

English

❖ **eLearning Applications :** Blackboard Learn System (LMS)
❖ **Programming languages:** Python, Visual Basic, Java, Pascal.
❖ **Software application:** Mathematica, Endnotes. LateX,
❖ **Scripting and markup languages:** HTML, JavaScript, VBScript,
❖ **Internet technologies:** ASP.net
❖ **Database technologies:** SQL

❖ **Conference Attendances**

- The 2020 International Conference on Computer and Information Sciences (ICCIS), Oct. 13-15 2020, Online attendance, Aljouf University, Aljouf, Kingdom of Saudi Arabia.
- The 3rd IEEE International Conference on Computer Science and Information Technology (ICCSIT 2010), July 9-11, 2010, Chengdu, China.
- The International Cryptology Workshop and Conference 2008 (cryptology2008). June 9-12, 2008, KUALA LUMPUR, Malaysia.
- The 2nd IMTGT 2006 Regional Conference on Mathematics, Statistics, Applications (2nd IRCMSA 2006), June 13-15, 2006, Penang, Malaysia.
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❖ **My publications**

1. Naji, A.A.M.; and Yahya Abo Hasan, "An efficient forward-secure proxy-protected signature scheme based on the strong RSA assumption," 3rd IEEE International Conference on Computer Science and Information Technology (ICCSIT 2010), vol.4, no., pp.259-264, 9-11 July 2010. http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=5564931&isnumber=5563533

2. Naji, A.A.M.; and Yahya Abo Hasan, "A Secure Proxy-Protected Signature Scheme based on the Strong RSA Assumption," European Journal of Scientific Research, vol. 41, pp. 194-201, 2010.

3. Naji, A.A.M.; and Yahya Abo Hasan, A Simple Provably Secure Signature Scheme Based on the Strong RSA and its Blind Signature Scheme, Proceedings of International Cryptology Workshop and Conference 2008 (cryptology2008).

4. Naji, A.A.M.; and Yahya Abo Hasan, A Simple Secure Signature Scheme Based on the Strong RSA Assumption without Random Oracle Model, IJCSNS International Journal of Computer Science and Network Security, Vol.7, No.11, pp. 159-162 November 2007.

5. Naji, A.A.M.; and Yahya Abo Hasan, "On the Use of Cryptographic Dedicated hash Function for Digital Signatures", Proceedings of the 2nd IMTGT 2006 Regional Conference on Mathematics, Statistics, Applications.