

Dr. Sultan Almuhammadi

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EDUCATION	University of Southern California Ph.D. in Computer Science - May 2005	Los Angeles, CA
	University of Southern California M.S. in Computer Science - May 2004	Los Angeles, CA
	King Fahd University of Petroleum and Minerals M.S. in Computer Science - May 1997	Dhahran, Saudi Arabia
	King Fahd University of Petroleum and Minerals B.S. in Computer Science - May 1994	Dhahran, Saudi Arabia
TEACHING EXPERIENCE	King Fahd University of Petroleum and Minerals <i>Assistant Professor</i> - Computer Science Department Teaching CS theoretical courses: Discrete Mathematics, Algorithms, Data Security and Cryptography. Member of the Curricula Committee - ICS dept.	Dhahran, Saudi Arabia
	May 05 - Present	
	University of Southern California <i>Teaching Assistant</i> - Computer Science Department Teaching several CS courses: Analysis of Algorithms, Discrete Methods in Computer Science, Introduction to Computer Science, Java Programming, C++, and Data structure.	Los Angeles, CA
	Jan 01 - May 04	
	King Fahd University of Petroleum and Minerals <i>Lecturer</i> - Computer Science Department	Dhahran, Saudi Arabia
	Aug 98 - May 05	
PUBLICATIONS	King Fahd University of Petroleum and Minerals <i>Graduate Assistant</i> - Computer Science Department	Dhahran, Saudi Arabia
	Aug 94 - Aug 98	
	1. Sulaiman Al-Bassam, Ramarathnam Venkatesan, Sultan Al-Muhammadi, "New single asymmetric error-correcting codes", IEEE Transactions on Information Theory 43(5): 1619-1623 (1997)	
	2. Sultan Al-Muhammadi and Sulaiman Al-Bassam, "A new Single Asymmetric Error Correcting Code", IEEE Canadian Conference on Electrical and Computer Engineering, May 1997	
	3. Sulaiman Al-Bassam, Sultan Al-Muhammadi, "A single asymmetric error-correcting code with 213 codewords of dimension 17", IEEE Transactions on Information Theory 46(1): 269-271 (2000)	
	4. Sultan Almuhammadi, Nien T. Sui and Dennis McLeod, "Better Privacy and Security in E-Commerce: Using Elliptic Curve-Based Zero-Knowledge Proofs", Proceeding of the IEEE CEC'04, San Diego, California, pp. 299-302, July 2004	
COMPUTER PROFICIENCY	5. Sultan Almuhammadi and Clifford Neuman, "Security and Privacy Using One-Round Zero-Knowledge Proofs", Proceeding of the IEEE CEC'05, Germany, July 2005	
	6. Sultan Almuhammadi and Nien T. Sui, "Safe Credential-Based Trust Protocols: A Framework", Proceeding of the IEEE-ACM WI'06, Hong Kong, China, Dec. 2006	
HONORS	Operating Systems: UNIX, Windows, Mac OS	
	Programming Languages: Java, c/C++, Visual Basic, LISP, Prolog, SQL, Fortran, Pascal, Cobol	
	Internet/Database Technology: HTML, PHP, ASP, VB Script, JavaScript, MS Access	
	University of Southern California , Los Angeles, CA <i>Outstanding Teaching Award — Fall 2002</i>	