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EDUCATION:

Purdue University	Ph.d., Computer Science, 2005
Purdue University	Graduate Certificate in Statistics, 2005
Purdue University	M.s., Computer Science, 2002
Middle East Technical University	B.s., Computer Engineering with Minor in Finance, 2000

PROFESSIONAL EXPERIENCE:

2005-Present Assistant Professor of Computer Science (Tenure Track), University of Texas at Dallas
2001-2005 Research Assistant, Department of Computer Sciences, Purdue University
Summer 2004 Research Intern, IBM Almaden Research Labs (Mentor: Rakesh Agrawal)
Summer 2003 Research Intern, NEC C&C Research Labs (Mentor: Wen-syan Li)
Summer 2002 Research Intern, NEC C&C Research Labs (Mentor: Wen-syan Li)
2000-2001 Teaching Assistant, Department of Computer Sciences, Purdue University

RELEVANT PUBLICATIONS:

- Kantarcioglu M, Jiang W, Liu Y, Malin B. A cryptographic approach to securely share and query genomic sequences. , *IEEE Transactions on Information Technology in Biomedicine*. To appear.
- Vaidya J, Kantarcioglu M, Clifton C. Privacy preserving naive Bayes classification. *The VLDB Journal*. To appear
- Agrawal R, Asonov D, Kantarcioglu M, Li Y. Sovereign joins. *Proceedings of the 22nd IEEE International Conference on Data Engineering*. 2006: 26.
- Kantarcioglu M, Clifton C, Jin J. When do data mining results violate privacy? *Proceedings of the 10th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*. 2004: 599-604
- Kantarcioglu M, Clifton C. Privacy preserving data mining of association rules on horizontally partitioned data. *IEEE Transactions on Knowledge and Data Engineering*. 2004; 16(9): 1026-1037.

Five other significant publications:

1. Inan A, Kantarcioglu M, Bertino E, Scannapieco M. A Hybrid Approach to Private Record Linkage., *IEEE International Conference on Data Engineering 2008*, To appear.
2. Liu L, Kantarcioglu M, Thuraisingham B. The applicability of the perturbation based privacy preserving data mining for real-world data. *Data and Knowledge Engineering*. To appear.
3. Canim M, Kantarcioglu M. Design and analysis of querying encrypted data in relational databases. *Proceedings of the IFIP WG 11.3 Working Conference on Database and Applications Security. Lecture Notes in Computer Science*. Springer. 2007; 4602: 177-194.
4. Kantarcioglu M, Clifton C. Privacy-preserving distributed k-nn classifier. *Proceedings of the European Conference on Principles of Data Mining and Knowledge Discovery (PKDD '04)*. 2004: 279-290.

5. Kantarcioglu M, Clifton C. Security issues in querying encrypted data. Proceedings of the 19th Annual IFIP WG 11.3 Working Conference on Database and Applications Security. Lecture Notes in Computer Science. Springer. 2005, 3654: 325-337.

Honors:

- 2005 Diamond Award for Outstanding Academic Achievement, Purdue University's Center for Education and Research in Information Assurance and Security (CERIAS)

D. Synergistic Activities:

- 2007 Program Committee, 10th Asia-Pacific Web Conference (APWeb'08)
- 2007 Program Committee, 24th International Conference on Data Engineering, (ICDE 2008)
- 2007 Program Committee, 9th International Conference on Data Warehousing and Knowledge Discovery (DAWAK) 07
- 2007 Program Committee, First ACM SIGKDD International Workshop on Privacy, Security, and Trust in KDD (PinKDD'07)
- 2007 Program Committee, Twenty-Second AAI Conference on Artificial Intelligence (AAAI-07)
- 2006 Proposal Reviewer, Kentucky Science and Engineering Foundation (KSEF)
- 2006 Program Committee, International Workshop on Privacy Aspects of Data Mining (PADM'06)
- 2006 Program Committee, IEEE International Conference on Data Mining, (ICDM 06)
- 2006 Program Committee, 8th International Conference on Data Warehousing and Knowledge Discovery (DAWAK) 06
- 2005 Program Committee, European Conf. on Principles of Data Mining and Knowledge Discovery (PKDD) '05
- 2005 Proposal Reviewer, Estonian Science Foundation

E. Collaborators & Other Affiliations:

Collaborators: Elisa Bertino, Chris Clifton, AnHai Doan, Ahmed K. Elmagarmid, Jiashun Jin, Yaping Li, Wen-Syan Li, Xiaodong Lin, Alex Z. Liu, Bradley Malin, Radu Sion, Bhavani Thruingsham, Jaideep Vaidya, Stephen S. Yau, Michael Y. Zhu, Bowei Xi

Graduate and Postdoctoral Advisors: Chris Clifton, Purdue University

Graduate students: Mustafa Canim, Ali Inan, Ryan Layfield, Jack Lindamood, Li Liu, Raymond Heatherly, Robert Nix, (University of Texas at Dallas)

Postdoctoral Researchers: Ebru Celikel