

ALI INAN

ADDRESS

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EDUCATION

- Ph.D., Department of Computer Science,
The University of Texas at Dallas, Dallas, TX / U.S.A., August 2010.
- M.S., Electronics Engineering and Computer Science, Faculty of Engineering and Natural Sciences,
Sabanci University, Istanbul / TURKEY, August 2006.
- B.S., Computer Science, Faculty of Engineering and Natural Sciences,
Sabanci University, Istanbul / TURKEY, June 2004.

RESEARCH INTERESTS

Privacy preserving data mining, secure multi-party computation, data anonymization, data perturbation, record linkage, spatiotemporal data mining, social network analysis, information retrieval, machine learning.

PUBLICATIONS

- Ali Inan, Murat Kantarcioglu, Gabriel Ghinita, Elisa Bertino. "Private Record Linkage Using Differential Privacy". EDBT, 2010: 123-134.
- Ali Inan, Murat Kantarcioglu, Elisa Bertino. "Using Anonymized Data for Classification". ICDE, 2009: 429-440.
- Mustafa Canim, Murat Kantarcioglu, Ali Inan. "Query Optimization in Encrypted Relational Databases by Vertical Schema Partitioning". SDM, 2009: 1-16.
- Murat Kantarcioglu, Ali Inan, Wei Jiang, Bradley Malin. "Formal Anonymity Models for Efficient Privacy-Preserving Joins". DKE Journal 68(11): 1206-1223 (2009).
- Ali Inan, Murat Kantarcioglu, Elisa Bertino, Monica Scannapieco. "A Hybrid Approach to Private Record Linkage". ICDE, 2008: 496-505.
- Ali Inan, Selim V. Kaya, Yucel Saygin, Erkay Savas, Ayca Azgin Hintoglu, Albert Levi. "Privacy Preserving Clustering on Horizontally Partitioned Data". DKE Journal 63(3): 646-666 (2007).
- Ali Inan, Yucel Saygin. "Privacy Preserving Spatio-Temporal Clustering on Horizontally Partitioned Data". DaWaK, 2006: 459-468.
- Ali Inan, Yucel Saygin, Erkay Savas, Ayca Azgin Hintoglu, Albert Levi. "Privacy Preserving Clustering on Horizontally Partitioned Data". ICDE Workshops, 2006: 95-103.
- Ayca Azgin Hintoglu, Ali Inan, Yucel Saygin, Mehmet Keskinöz. "Suppressing Data Sets to Prevent Discovery of Association Rules". ICDM, 2005: 645-648.

RESEARCH/INDUSTRY EXPERIENCE

2010/09 - Present: Assistant Professor, Department of Computer Engineering, Isik University, Istanbul, TURKEY.

2009/06 - 2009/08: Intern, Bell Labs, Alcatel-Lucent Inc., Murray Hill, NJ, U.S.A.

2005 - 2006: Researcher, European Union 6th Frame Program, Geographic Privacy-aware Knowledge Discovery and Delivery (GeoPKDD) Project, Sabanci University, Istanbul, TURKEY.

2003/08 - 2003/10: Intern, Oracle Computer Systems Corporation, Istanbul, TURKEY.

TEACHING

Isik University: Instructor

CSE335 - Systems Programming (Fall 2010)

CSE203 - Object Oriented Programming (Fall 2010)

UTDallas: Teaching assistant

CS6377 - Introduction to Cryptography (Spring 2008, Spring 2009)

CS6360 - Database Systems (Spring 2007, Fall 2008, Spring 2009)

CS7301 - Introduction to Data Privacy (Spring 2008)

CS4347 - Database Systems (Fall 2007, Spring 2008)

CS6378 - Advanced Operating Systems (Fall 2007)

CS3345 - Data Structures and Algorithmic Analysis (Spring 2007)

CS2305 - Discrete Mathematics for Computing I (Fall 2007)

CS1336 - Programming Fundamentals (Fall 2006)

Sabanci University: Teaching assistant

CS201 - Introduction to Computing (Fall 2004, Fall 2005)

CS308 - Software Engineering (Spring 2004)

CS306 - Database Systems (Spring 2005)

SCHOLARSHIPS & AWARDS

The University of Texas at Dallas, Research Assistantship and Tuition Scholarship

The University of Texas at Dallas, Teaching Assistantship and Tuition Scholarship

Sabanci University, Teaching Assistantship and Tuition Scholarship

Sabanci University, Undergraduate High Honor Scholarship

SPECIAL SKILLS

Languages: Turkish (native), English (advanced), German (basic)

Programming: C, C++, C#, Java, Perl, SQL, OpenGL, Html, Scheme

Operating systems: Windows, POSIX (UNIX, Linux), Sun/Solaris

Database systems: Oracle, MS SQL Server, MySQL, IBM DB2

Office applications: MS Office, OpenOffice

Development tools: MS Visual Studio, Eclipse, Borland JBuilder, Oracle JDeveloper, K Development

Web design tools: FrontPage, Photoshop

ASSOCIATIONS

Member, IEEE (2008)

Member, Sabanci University Alumni Association (2004)

Founder and member, Sabanci University Aerospace Club (2002-2006)