

A. Cüneyd TANTUĞ

Curriculum Vitae

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PERSONAL INFORMATION

Birth Date : 4th September 1978
Nationality : Turkish
Matiral Status: Single

EDUCATION

Ph.D.	Istanbul Technical University (GPA : 4.00 / 4.00)	2002 – Now
MSc.	Istanbul Technical University An Efficient Clustering Method For Customer Segmentation (GPA : 3.78 / 4.00)	2000 - 2002
B.A.	Istanbul Technical University (GPA : 3.56 / 4.00 , Graduated as the 1 st honor)	1996 - 2000

EMPLOYMENT

Istanbul Technical University, Turkey Research and Teaching Assistant	2002 – Now
Garanti Bankasi, Turkey Software Engineer	2000 - 2002

RESEARCH AREAS

- Natural Language Processing
 - Computational Morphological Analysis, Machine Translation of Turkic Languages, Word Sense Disambiguation
- Data Mining
 - Clustering Methods, Datawarehouse Building, Desinging OLAP Systems
- Pattern Recognition
 - Classification Methods and Applications, SPAM Recognition

TEACHING

- Courses Assisted
 - Data Structures, Database Systems, Microprocessors, Real Time Systems, Computer Architecture, Software Engineering, Computer Networks, Microprocessors Lab., Operating Systems, File Organization
- Courses Taughted
 - Database Systems

PAPERS

- Eryigit G., Tantuğ, A.C., 2004. "A Comparison Of Support Vector Machines, Memory-Based And Naïve Bayes Techniques On Spam Recognition", *The IASTED conference on Artificial Intelligence Applications, AIA-2005*, Innsbruck, Austria
- Eryigit G., Tantuğ, A.C., 2004. "Performance Analysis of Naïve Bayes Classification , Support Vector Machines and Neural Networks For Spam Categorization", *Proceedings of 9th Online World Conference On Soft Computing in Industrial Applications (in press)*
- Tantuğ, A.C., Eryigit G., 2004. "Probabilistic Turkish Word Root Generation", *Proceedings of the 3rd Asia Pacific International Symposium on Information Technology*, Istanbul, Turkey
- Tantuğ, A.C., Cebiroğlu, G., Adalı, E., Erenler, Y., 2003. "Synthetic Turkish Word Root Generation", *Proceedings of the Turkish Artificial Intelligence and Neural Networks*, TAINN 2003, Canakkale, Turkey
- Tantuğ, A.C., Adalı, E., 2002. "Fast K-Means in Data Mining", *Bilisim Zirvesi 2002 Bildiriler Kitabı*, Istanbul, Turkey

PROJECTS

- **K@Plan –ERP Software** 2002 -
 - An enterprise resource planning (including MRP-2) software for knitting
 - Technologies : Delphi, ADO, SQL Server 2000
- **Electronic Data Interchange (EDI) Over VPN** 2000 - 2003
 - Implemented EDI systems for connecting 155 headquarters of the Turkey's biggest tobacco company
 - Technologies : Delphi, Oracle 8i
- **Customer Segmentation Software Project** 2000 - 2002
 - Implemented for one of the biggest banks in Turkey for segmentating customers using a customer datawarehouse
 - Technologies : C++, DB2, Intelligent Miner

- **Istanbul Technical University Dormitory Software** 2002-2003
 - A database application which is used in 7 different dormitory of ITU for the administration of dormitories (students information, payments, room planning, etc.)
 - Technologies : 4th Dimension RDBMS

- **Cukurova University Research Projects Supporting Department** 1996
 - A software for keep tracking of research projects in Cukurova University (expenses, reports, stuff, materials, etc.)
 - Technologies : 4th Dimension RDBMS

- **ProGYM** 2001-2003
 - A software which are used by leading gym houses in Istanbul which handles members, training information, expenses, payments, etc.
 - Technologies : 4th Dimension RDBMS

- **TAYAT** 2000 - 2004
 - It is a commercial software which is used for technical analysis and predictions of horse racings (www.tayat.com).
 - Technologies : 4th Dimension RDBMS

RESPONSIBILITIES & MEMBERSHIPS

- ACL Member (The Association for Computational Linguistics)
- IEEE Member
- ITU Computer Engineering ABET Commision Member, 2004
- ITU Computer Engineering Summer Training Commision Member, 2004
- ITU Computer Engienering Web Site Developer & Administrator, 2003-Now
(www.ce.itu.edu.tr, biltek.cs.itu.edu.tr)
- The Third Asia Pacific International Symposium on Information Technology, 2004, Organization Commitee Member

HONORS

- Bedri Karafakioglu Special Award, ITU 2000
- Northern Telecom – NETAS, Success Grant 1999

LANGUAGES

- Turkish (Native)
- English (Advanced)
- German (Introductory)

TECHNICAL SKILLS

Programming Languages: C++, Java, Delphi, C#, MatLAB
Database Systems: Oracle, SQL Server, 4th Dimension
Tools Used Professionally: Macromedia Dreamweaver, Fireworks, Adobe Photoshop,

NON-TECHNICAL INTERESTS

Playing soccer as a goalkeeper, economics and marketing, reading personal development books