

Turgay Yılmaz

CONTACT INFORMATION

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RESEARCH INTERESTS

Intelligent systems, fuzzy systems, machine learning, evolutionary computation, soft computing, multimedia databases

EDUCATION

Ph.D. in Computer Science, started February 2008
Middle East Technical University, Ankara, Turkey

MS in Computer Science, January 2008
Middle East Technical University, Ankara, Turkey

- Thesis: *Object Extraction From Images/Videos Using a Genetic Algorithm Based Approach*
- Advisor: Prof. Dr. Adnan Yazıcı
- GPA: 3.07

BS in Computer Science, May 2004
Bilkent University, Ankara, Turkey

- Senior Project: *Smart Digital Map of Ankara*
- Advisor: Asst. Prof. Dr. İbrahim Körpeoğlu
- GPA: 3.00

PUBLICATIONS

Yakup Yildirim, Turgay Yılmaz, and Adnan Yazıcı. *Ontology-supported object and event extraction with a genetic algorithms approach for object classification*. In CIVR'07: Proceedings of the 6th ACM international conference on Image and video retrieval, pages 202-209, New York, NY, USA, 2007. ACM.

PROFESSIONAL EXPERIENCE

Dept. of Computer Engineering, Middle East Technical Univ., Ankara, Turkey

Part-time Research Assistant

March, 2008 – ..

- Object-oriented Intelligent and Fuzzy Database Modeling and Development for Multimedia Applications, supported by TÜBİTAK

Havelsan AS, Ankara, Turkey

Senior Engineer

February, 2005 – ..

- Involved in Turkish Air Force Command and Control System - TuAF CCIS (\$200 million budget)
- Responsible for
 - C2RM module (including Human, Organization and Logistics Resources) of Battle Management sub-system,
 - Integration of Java based Battle Management sub-system with SAP-R3 based Resource Management sub-system,
 - Integration of DAFIF (Digital Aeronautical Flight Information File) of NGA(US) to Battle Management sub-system,
 - Situation Awareness and Decision Support System on TuAF CCIS devoted to upper authorities of headquarters,
 - Friendly Order of Battle module (including organizational placement and follow-up of military units with GIS/map capabilities).
 - Flight Plan module (including the management of reporting and permissions military flight plans)
- Used Java(J2EE), JBoss, Oracle, CVS, XML, Ant, SAP-R3, Rational Software

EES Ltd. Sti., Ankara, Turkey

Computer Engineer

July, 2004 – January, 2005

- Worked for design and implementation of Library Automation System and Hospital Information System, with AJAX, JScript, C# and MSSQL.

COMPUTER
SKILLS

- Programming Languages: Java, C++, C#, PHP, HTML, XML, JavaScript, AJAX, Matlab, SQL, MySQL, UML
- Platforms: Windows 95/98/2K/XP, Unix, Linux, DOS
- Application Programs: MS Office, MS Front Page, MS Visio, L^AT_EX 2_ε, Adobe Photoshop, QuarkXPress, Macromedia FreeHand, CVS, MS Visual Studio .NET, IntelliJ IDEA, OriginPro, Weka, RapidMiner, Rational Clearquest, Rational Rose

HONOURS AND
AWARDS

2000-2004, Full Scholarship (education, accomodation, stipend) at Bilkent University (2000-2004)
2000, Nationwide University Exam, ranked 312th (among 1.500.000 people)
2000, Ranked 2nd in graduation from high school
1999, Ranked 2nd in Marmara Region in TUBITAK Physics exams
1997, Nationwide High School Entrance Exam, ranked 162nd Nationwide (among app. 900.000 people)
1993, Nationwide Junior High School Entrance Exam, ranked 28th Nationwide (among app. 500.000 people)

REFERENCES

Available on request.