



AMAÇ HERDAĞDELEN

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PERSONAL

Name: Amaç Herdağdelen
Birth Place / Date: İzmir, 15.5.1982
Languages Spoken: Turkish (native speaker), English (fluent), Italian (advanced)

EDUCATION

2007 – **Boğaziçi University**, İstanbul
Computer Engineering, Ph.D.
01/2005 – 08/2005 **Politecnico di Milano**, Milano
Department of Electronics and Informatics, Erasmus Student
2004 – 2007 **Boğaziçi University**, İstanbul
Computer Engineering, M.S., GPA: 3.76 / 4.00
2000 – 2004 **Boğaziçi University**, İstanbul
Computer Engineering, B.S., GPA: 3.34 / 4.00, Honors.

PUBLICATIONS

Herdagdelen, A., & Bingol, H. (2007) A Cultural Market Model. *Proceedings of the Workshop on The Emergence of Social Behaviour: From Cooperation to Language*. Lisbon, Portugal, To appear. (arXiv:0707.2341)

Herdagdelen, A., Aygun, E., & Bingol, H. (2007). A formal treatment of generalized preferential attachment and its empirical validation. *Europhysics Letters*, 78, 60007. (arXiv:nlin/0609042).

Herdagdelen, A., Aygun, E., & Bingol, H. (2005, November). Measuring Preferential Attachment in an Online Hyper-textual Dictionary: Eksi Sozluk. Short paper presented at *European Conference on Complex Systems*, Paris, France.

Herdagdelen, A., & Alpaydin, E. (2004). Dynamic Alignment Distance Based Online Signature Verification. In C. Guzelis, E Alpaydin, T Yakhno, & F Gurgen (Eds.), *Proceedings of the Thirteenth Turkish Symposium on Artificial Intelligence and Artificial Neural Networks* (pp. 119-27). Izmir, Turkey.

Yuceturk, A. C., **Herdagdelen, A.**, & Uyanik, K. (1999). A Solution to the Problem of Local Minima in Backpropagation Algorithm. In M. Turksever, N. Y. Topaloglu, N. Z. Feywood, A. Kantarci, C. A. Sürgevil, O. Ozmen (Eds.), *Proceedings of the Fourteenth International Symposium on Computer and Information Sciences* (pp. 1081-83). Kusadasi, Turkey.

PROGRAMMING SKILLS

More than 5 years: Advanced **C**, **C++**
Between 1 – 5 years: Borland Delphi, Borland C Builder, HTML, PHP, PERL, CGI, Java, Prolog

EXPERIENCE

04/2007 – 2004 Researcher, *Department of Computer Engineering, Boğaziçi University*: Porting of Java applications to GRID environment in Human Memory Modelling by Simulation (Hu2MS) project.
09/2005 – 04/2007 Research and teaching assistantship, *Department of Foreign Languages, Boğaziçi University*: Assisting the FLED 103 English Composition course, laboratory sessions for basic computer skills and office applications. Responsible for the website of the Italian Language division.
09/2003 – 01/2004 Software Engineering Course Project, *Boğaziçi University*: Acted as the **leader** of the team that was responsible for the graphical user interface (GUI), web portal and alumni portal of Computer Engineering Automation System. The team consisted of 10 people and was responsible for the GUI of the overall of system which was being developed by more than 70 students. As the leader, I was responsible for the job division among the

members, the information flow between the members within my team and between the other teams and my team.

- 09/2003 – 01/2004: Graduation Project, *Boğaziçi University*: Designed and implemented a **signature verification** system in **Borland C Builder** by employing pattern recognition techniques.
- 02/2003 – 01/2004 Student Assistant, Bogazici University: Was responsible for the **project evaluations** and **laboratory** hours of “CmpE 150 Introduction to Programming” course.
- 12/2002 – 10/2003: Half-time programmer, *E-Z Banner Web Marketing*: Enhancement of an adserver system by using **PERL** and **MYSQL**.
- 07/2002 – 08/2002: Intern, *TÜBİTAK National Research Institute of Electronics and Cryptology (NRIEC)*: 3 week study at the Acoustic Lab. on voice recognition.

HONORS AND ACHIEVEMENTS

Honors Certificate, Class of 2004, Bogazici University, Istanbul.

Ranked eighth in the graduation class of Computer Engineering Department, Bogazici University, 2004.

Ranked in **top one hundred** among one million participants in the national University Placement Exam (OSS) in Turkey, 2000.

Bronze Medal in 7th National Computer Programming Olympiads organized by TUBITAK, 1999

Third place in regional Computer Programming Olympiads organized by TUBITAK, 1999

Ranked 146th among more than two hundred thousands participants in Science High Schools Exam, 1997

SUMMER SCHOOLS

Tenth International Cognitive Sciences Summer School, New Bulgarian University, Sofia, Bulgaria, July 2003.

Summer school for international programming olympiads preparation organized by the Scientific and Technical Research Council of Turkey (TUBITAK), Middle East Technical University, Ankara, 1998

English language course, Concorde International, London, 1997