Sefa Kılıç

Contact Information	Yenikent mah. Yaşar sok. no: 3/4 Derince, Kocaeli, TÜRKİYE http://www.ceng.metu.edu.tr/∼sefa sefakilic@gmail.com
Research Interests	machine learning, pattern recognition, data mining, bioinformatics, natural language processing
Education	**Middle East Technical University**, Ankara, Turkey [Fall 2010 – current] M.Sc. candidate at Dept. of Computer Engineering Expected Graduation: June 2011 **Bilkent University**, Ankara, Turkey [Fall 2009 – Spring 2010] M.Sc. program at Dept. of Computer Engineering CGPA: 3.81/4.0, program terminated by own decision **Middle East Technical University**, Ankara, Turkey [Fall 2005 – Spring 2009] B.Sc. Dept. of Computer Engineering CGPA: 3.20/4.0 **Zonguldak Science High School**, Zonguldak, Turkey [2001 – 2004]
Work Experience	○ Project researcher, Intelligent Web: Using Traffic Analysis for Self Adaptive Web, supported by TÜBİTAK (The Scientific and Technological Research Council of Turkey). [Fall 2010 – Current] ○ Teaching assistant, Department of Computer Engineering, Middle East Technical University, Ankara, Turkey [Fall 2010 – Current] - CENG111 Introduction to Computer Engineering Concepts [Fall 2010] ○ Teaching assistant, Department of Computer Engineering, Bilkent University, Ankara, Turkey [Fall 2009 – Summer 2010] - CS202 Fundamental Structures of Computer Science II [Summer 2010] - CS201 Fundamental Structures of Computer Science I [Spring 2010] - CS223 Digital Design [Fall 2009] - CS315 Programming Languages [Fall 2009] ○ Student Teaching Assistant, Department of Computer Engineering, Middle East Technical University, Ankara, Turkey [Spring 2009] - CENG230 Introduction to C programming [Spring 2009] ○ Intern, Logo Business Solutions, Ankara, Turkey [Summer 2008] - Contribution to the unit testing of the project (Unity on Demand) - Test scripts with Java BeanShell ○ Intern, IBTECH International Business Technologies, Kocaeli, Turkey [Summer 2007] - Developed Linux shell scripts.
Past Projects	○ Automatic text summarization system for Turkish using latent semantic analysis, "Natural Language Processing" course project. Implemented using Java. [Fall 2009] ○ Partitional clustering experiments on document datasets, "Data Mining" course project. Some criterion functions for document clustering were evaluated and compared. Used CLUTO, data clustering software. [Fall 2009] ○ YGAlib - Parallel genetic algorithm library, senior project. Converting GAlib (Genetic Algorithm library) to parallel library to work on a cluster. Used C++, MPI. [Fall 2008 – Spring 2009] ○ Pirates of CENG, "Computer Graphics" course project. 3D, turn-based, two player game. Used C++, OpenGL, GLUT, Object3DS. [Fall 2008]
Achievements	○ Middle East Technical University High Honor Roll for 3 semesters ○ Middle East Technical University Honor Roll for 1 semester ○ Computer Graphics course, Project Completion Award [Fall 2008] ○ Certificate for participation to Collaborative Learning Project, University of North Texas [Fall 2008] ○ 415th among 1.7 million participants in University Entrance Exam (ÖSS)

COMPUTER   ◦ Programming skills: C, C++, Java, MATLAB, Python; also familiar with R, Perl, Haskell, Scheme,
SKILLS   Prolog, HTML/CSS, SQL, PIC Assembly
               ◦ Tools & Libraries: OpenGL, MPI, Weka, LaTeX, SVN, Doxygen
               ◦ Programming experience on GNU/Linux environment.

LANGUAGES   ◦ Turkish (native)
               ◦ English, TOEFL IBT score: 93/120 [JULY 2010]