

Ms. AYSUN BAŞÇETİNÇELİK

Brown University, Department of Computer Science,
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Objective: Working as an intern during Summer 2008 before starting PhD

Education

BROWN UNIVERSITY, MS in Computer Science , Expected Graduation in May 2008, Current GPA: 3.6/4.0, <ul style="list-style-type: none">Algorithmic Foundations of Comp. BiologyGame-Theoretical Artificial IntelligenceProgram. Lang. & Systems (Optimistic Repl.)	Jan 2007 – Present
<ul style="list-style-type: none">Building Intelligent RobotsProgramming LanguagesComputational Linguistics	
MIDDLE EAST TECHNICAL UNIVERSITY, Ankara, TURKEY, MS in Computer Engineering	Sept. 2006 – Jan. 2007
MIDDLE EAST TECHNICAL UNIVERSITY, Ankara, TURKEY, Bachelor's Degree in Computer Engineering , GPA: 3.12 / 4.00, Advanced courses taken: <ul style="list-style-type: none">Language ProcessorsArtificial IntelligenceDatabase Management SystemsSoftware EngineeringGraphics	2001 – 2006

Research Experience

BROWN UNIVERSITY, Department of Computer Science <ul style="list-style-type: none">Trading Agent Competition Prediction Challenge 2007 - <i>Summer Research Project</i> Designed and implemented algorithms for prediction of bid prices using machine learning techniques in a supply chain management system. Used Java and CPLEX library.QuickRank - <i>"Game Theoretical Artificial Intelligence" course project</i> Implemented a ranking algorithm called QuickRank which is for ranking people in a society, founded on peer-review principle. Used Java.	Summer 2007 Spring 2007
MIDDLE EAST TECHNICAL UNIVERSITY, Department of Computer Engineering, Ankara, TURKEY <ul style="list-style-type: none">Traffic Education for Children - <i>"Senior Project"</i> In a team of five, designed and implemented software for educators and children using 3D graphics teaching children how to behave in traffic. Used Ogre3D, OpenAL and C++.Capture The Flag - <i>"Artificial Intelligence" course project</i> Using Java with Eclipse, implemented a board game in two main phases in which searching and learning algorithms are used.Compiler - <i>"Language Processors" course project</i> Designed a compiler for a hypothetical language using AntLR library for parsing and generating MIPS assembly code.Web Calendar - <i>"Software Engineering" course project</i> Implemented a web calendar using ASP.Net and SQL Server where sharing events between users are possible.	Fall 2005 – Spring 2006 Spring 2006 Fall 2005 Spring 2005

Business Experience

IBM Linux Center, Ankara, TURKEY, Summer internship Worked in the establishment of IBM Linux Center in Ankara where 15+ computers were installed with SuSe and RedHat Linux and maintained afterwards.	Summer 2005
Microsoft, Ankara, TURKEY, "Selected student" for Microsoft Summer School 2004 Using Microsoft Framework in a group of 15+ people, made a web portal with .Net technologies, SQL Server, Windows Server.	July 2004
ESER Telekom, ERE Holding, Ankara, Turkey, Summer internship Worked with Perl and CGI on company based applications	June 2004

Teaching Experience

MIDDLE EAST TECHNICAL UNIVERSITY, Ankara, TURKEY <i>Department of Computer Engineering, Teaching assistant for "Language Processors" course</i> <ul style="list-style-type: none">Held office hours, graded projects and gave lectures	Aug 2006 – Jan 2007
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- Helped first year engineering students for their C laboratory work
- Made programming quizzes during lab hours

Computer Skills

Programming Languages	C, C++, Java, C#, Perl, Assembly, HTML, JavaScript, Haskell, ML, Scheme, Prolog, AntLR, MIPS, OpenGL, Ogre3D
Tools	GNU Tools (GCC, GDB, etc.), Visual Studio .NET 2003, Eclipse, Matlab, Latex
Operating Systems	Linux, MS Windows, MS Windows Server
Databases	MS SQL Server

Language Skills

Fluent English, Native Turkish, Intermediate German, Beginners French

Awards & Scholarships

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| • Turkish Ministry of National Education Scholarship for Master's Degree in Brown University. | 2007- Present |
| • 9 th position among 1.5 million people in Turkish Nationwide University Entrance Examination. | 2001 |

Others

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| • Member of Middle East Technical University Music Society, worked in the organization of concerts and METU Rock Fest. | 2001- 2006 |
| • Member of Middle East Technical University Science Fiction and Fantasy Society. | 2001 – 2006 |