

ASHKAN BANITALEBI DEHKORDI

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Research Interests

Artificial Intelligence

General Game Playing

Game Theory

Programming Languages

Educational History

2015–present	Computer Science <i>Stony Brook University</i> , Stony Brook, NY
2010–2015	B.Sc. Computer Engineering <i>ECE Department, The University of Tehran</i> , Tehran, Iran Specialized in Software Architecture
2006–2010	Diploma of Mathematics and Physics Discipline <i>NODET Shahid Beheshti high.</i> , Shahr-e-Kord, Iran

Teaching Experience

Fall 2016	CSE 506 Operating Systems	<i>Teaching Assistant</i>	Erez Zadok	Stony Brook-CS
Spring 2016	CSE 215 Foundations of Computer Science	<i>Teaching Assistant</i>	Kevin McDonnell	Stony Brook-CS
Fall 2015	CSE 352 Artificial Intelligence	<i>Teaching Assistant</i>	Anita Wasilewska	Stony Brook-CS
Summer 2014	First steps in General Game Playing	<i>Instructor</i>	UT ACM Student chapter	UT-ECE
Spring 2014	Design and Analysis of Algorithms	<i>Teaching Assistant</i>	Masoud Asadpour	UT-ECE
Spring 2012 – Fall 2013	Data Structures and Algorithms	<i>Teaching Assistant</i>	Hesham Feili	UT-ECE
Fall 2013	Programming Languages	<i>Teaching Assistant</i>	Fatemeh Ghassemi	UT-ECE
2011 – 2013	Discrete Mathematics	<i>Teaching Assistant</i>	Siamak Mohammadi	UT-ECE
Fall 2012	Introduction to Computing Systems and Programming	<i>Teaching Assistant</i>	Hadi Moradi	UT-ECE

Research Experience

2017	Mechanism Design: Specification and Automation Domain Specific constraint programming language	DARLab
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Selected Projects

Fall 2014	Web data analyzer Collecting, recognizing and classifying data fields on websites, partitioned by the websites' types. <i>Developed in PYTHON</i>	<i>Social Networks Lab, UT</i>
Fall 2014	raxshpy python GGP base framework <i>Developed in PYTHON (under construction)</i>	<i>UT GGP Team</i>
Summer 2014	KaarZaar online GGP match manager <i>Using Django, PYTHON, connecting on REST</i>	<i>UT Summer of Code</i>
Summer 2013	RBPT formal verification for wireless network protocols <i>Using ANTLR & JAVA, ML</i>	
Fall 2013	Cloud File Storage & Sharing client-server cloud data storage <i>Developed in PYTHON using sqlite3 for Linux</i>	<i>Course Project for Computer Networks</i>

Fall 2013	MeetMe Web application to arrange meetings and assign rooms in a campus <i>Using Django, PYTHON, HTML, CSS, JS, postgresQL, & JavaScript (for load-testing)</i> <i>Practicing methodologies, principals, & patterns for software architecture</i>	<i>Course Project for Software Engineering</i>
	Notification Manager (NODAD) Academic Social Network <i>J2EE web application using wicket & hibernate</i>	
	BookMaina Web portal to buy and sell used books <i>Using Django, PYTHON, mySQL, HTML, CSS, JS</i>	
Summer 2013		<i>UT Summer of Code</i>
Spring 2013		<i>Course Project for System Analysis and Design</i>
Spring 2013	University Course Management Website Web application for course management <i>Using J2EE, Hibernate over mySQL, HTML, CSS, JS</i>	<i>Course Project for Internet Engineering</i>
Fall 2012	Shared memory, CPU scheduler, and Thread library Designed and implemented shared memory, CPU scheduler, and thread library <i>Developed in C for UNIX</i>	<i>Course Project for Operating Systems</i>
Fall 2012	Memory Management A survey on thread, cache, and memory management in hardware level <i>Using SimpleScaler for simulation</i>	<i>Course Project for Computer Architecture</i>
Fall 2012	Processor Design Implemented Single-Cycle, Multi-Cycle, and Pipeline Processors <i>Developed in Verilog HDL</i>	<i>Course Project for Computer Architecture</i>
Fall 2012	Music Player & Recorder A music player & recorder based on Atmel AVR <i>Using AT-Mega32 Microcontroller operating Serial Controller Component</i>	<i>Course Project for Microprocessors</i>
Spring 2012	Micado compiler Compiler for an Object-Oriented Language supporting dynamic binding <i>Using ANTLR & JAVA</i>	<i>Course Project for Design and Implementation of Compilers</i>
Fall 2011	Search Engine Large-scale search engine with google-like indexing and instant search <i>Developed in JAVA</i>	<i>Course Project for Data Structures and Algorithms</i>

Skills

Programming	C/C++, JAVA, PYTHON JavaScript, Lisp, Clips, ML, Octave, Haskell, SQL, Prolog, Befunge Scala, MatLab, PHP, Bash Script, C#, Ruby	Pro Expert Familiar
Platform/Tools	Apache, MySQL, J2EE, maven, Wicket, Nginx, git, Django, Nodejs, Android, ANTLR, HTML, CSS, jQuery, Bootstrap, sqlite, postgresql, ModelSim, SimpleScaler, Quartus II, MS Word, T _E X, L ^A T _E X, OpenOffice	
Language	Farsi English TOEFL 101 - GRE V:143, Q:167, AW:3.0 Arabic, Gilaki	Native Fluent Basic

Membership & Leadership Experience

2014	UT GGP team	<i>Founder, Captain</i>	
2014	KaarZaar	<i>Product-manager</i>	UT ACM Summer of Code
2013	Notification Manager (Nodad)	<i>Developer</i>	UT ACM Summer of Code
2011 & 2012	UTACM AI contest for freshmen	<i>Coder, Staff</i>	UT ACM Student chapter