

Research Interests	Monitoring and Management of Large Scale Systems, Computer Architecture, Cloud Computing, HPC	
Education	Boston University	2015 - Present
	PhD in Computer Engineering	GPA: 3.94
	Advisor: Prof. Ayşe Kivılcım Coşkun · Electrical and Computer Engineering Dept.	
	Middle East Technical University (METU)	2010 - 2015
	B.S. in Electrical and Electronics Engineering	GPA: 3.23, Ranking: 37 th among 353
	Minor in History of Philosophy	GPA: 3.50
Research Experience	Peac Lab Research Group	Research Assistant
	Boston, MA	September 2015 – present
	Researched on data center monitoring and analytics, interference in HPCs and cloud systems	
	BioMEMS Research Group	Voluntary Research Assistant
	Ankara, TURKEY	June 2014 – June 2015
	Improved sensing circuitry of a MEMS based Coulter counter.	
Qualifications	<i>Programming Languages:</i> Verilog, Assembly, C, C++, Java, Python, Perl, Bash, MatLab <i>Languages:</i> English (fluent), Turkish (native), German (intermediate), Finnish (beginner)	
Publications	Ozan Tuncer, Emre Ates , Yijia Zhang, Ata Turk, Jim Brandt, Vitus Leung, Manuel Egele, Ayse K. Coskun, “Diagnosing Performance Variations in HPC Applications using Machine Learning,” to appear in <i>Int. Supercomputing Conf. (ISC-HPC)</i> , Frankfurt, 2017.	
Internships	Lawrence Livermore National Laboratory	Internship
	Livermore, CA	Summer 2017
	Investigated the effect of power, network QoS, external traffic, number of processes, etc. on different supercomputing benchmarks, used machine learning to model the performance.	
	Sandia National Laboratories	Internship
	Albuquerque, NM	Summer 2016
	Analyzed system monitoring data to automatically detect and classify anomalies in HPC clusters. Investigated allocation and task mapping algorithms for dragonfly systems.	
	ASELSAN AŞ (Military Electronic Industries)	Internship
	Ankara, TURKEY	Summer 2013
	Improved the performance of an existing 2D radar simulation, to make 3D simulations feasible.	
Teaching Experience	Applied Algorithms and Data Structures	Graduate Teaching Assistant
	Boston University	Spring 2016, Fall 2016
	Weekly discussion session, checking exams and homeworks, coordinating the graders.	
Awards and Scholarships	Gauss Award ISC-HPC	June 2017
	Research paper award given by German Gauss Center for Supercomputing	
	A. Richard Newton Young Fellowship DAC	June 2015
	Student fellowship to attend the 53 rd Design Automation Conference	
	Distinguished ECE Fellowship Boston University	September 2015 - September 2016
	Includes full tuition coverage with monthly stipend	
	Bülent Kerim Altay Award METU	Spring 2011
	For achieving 4.0 GPA	
Cousework in BU	Advanced Data Structures, Computer Architecture, Advanced Digital Design with Verilog and FPGA, Introduction to Embedded Systems, Data Mining, Operating Systems, Cybersecurity	