

Research Interests	Monitoring and Management of Large Scale Systems, Computer Architecture, Cloud Computing, HPC	
Education	Boston University	2015 - Present
	PhD in Computer Engineering	GPA: 4.0
	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
	Tampere University of Technology	2013
	Erasmus Exchange Student	
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. Helped prepare the second generation for manufacture	
Qualifications	<i>Programming Languages:</i> Verilog, Assembly, C, C++, Java, Python, Perl, Bash, MatLab <i>Software Tools:</i> OpenStack, Cadence Virtuoso Design Platform, National Instruments LabVIEW, Slurm, L ^A T _E X <i>Languages:</i> English (fluent), Turkish (native), German (intermediate), Finnish (beginner)	
Internships	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 an existing synthetic aperture radar simulation in MATLAB, reducing the complexity and operation time to make 3D simulations feasible, and implemented the 3D simulation	
Teaching Experience	Applied Algorithms and Data Structures	Graduate Teaching Assistant
	Boston University	Spring 2016, Fall 2016
	Held a weekly discussion session that I prepared, checked the exams and homeworks for errors before they were handed out, coordinated the graders and other TAs.	
Awards and Scholarships	Distinguished ECE Fellowship Boston University	September 2015 - September 2016
	Includes full tuition coverage with monthly stipend	
	Honor Roll METU	June 2015
	Graduated from METU Electrical and Electronics Engineering Department with Honors	
	Analog Electronics Laboratory Best Project Award METU	Fall 2012
	For designing the best AC/DC converter using only transistors and diodes as active components	
	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, Cloud Computing, Introduction to Embedded Systems, Data Mining	