MEHMET KÖK

http://people.vanderbilt.edu/~mehmet.kok/

Education

Present	PhD Student in Computer Science Vanderbilt University, Nashville, TN
September 2008	Master of Science in Electrical and Electronics Engineering Bilkent University, Ankara, Turkey CGPA:3.54/4.00
June 2006	Bachelor of Science in Electrical and Electronics Engineering Bilkent University, Ankara, Turkey CGPA:3.49/4.00

Research Experience

Jun. 2007 - Sep. 2008	Master's Thesis: "Simultaneous Localization and Mapping for Unmanned Aerial Vehicles". Supervised by: Prof. Billur Barshan
Jan. 2007 - Jun. 2007	Pattern Recognition and Robot Motion Planning courses joint project: "Vision based 2D Simultaneous Localization and Mapping (SLAM) for Unmanned Air Vehicles (UAV)". Supervised by: Asst. Prof. Uluc Saranli and Asst. Prof. Selim Aksoy
Sep. 2007 - Dec. 2007	Computer Vision course project: "Vision Based Behavioral Analysis of Laboratory Animals for Drug Testing". Supervised by: Asst. Prof. Pinar Duygulu

Work Experience

Feb. 2005 - Jun. 2008	Prospective Student Advisor, Office of Information Services for Prospective Students, Bilkent University. – Influenced many qualified prospective university students to choose Bilkent University.
Jun. 2005 - Jul. 2005	Summer Intern at Information Services, IBM Turkey - Istanbul. – Gained experience with different network protocols. – Designed and implemented a network monitoring software for IBM-Istanbul network.
Aug. 2004 - Sep. 2004	Summer Intern at Airborne System Design Group, ASELSAN Electronic Industries Inc. – Gained experience with airborne systems software and standards. – Worked on a programming project (in Visual C++ MFC) for displaying flight path data.

Teaching Experience

Vanderbilt University

Aug. 2008 - Present	Teaching Assistant in CS101 - Programming & Problem Solving. – Conducting office hours in order to assist students in course material and grading.

Bilkent University	
Sep. 2006 - Jun. 2008	Teaching Assistant in GE401-GE402 Innovative Product Design and Development.
	– Conducted weekly meetings with the project teams to follow their progress and help as an advisor. http://ge402.bilkent.edu.tr/
Jan. 2007 - May. 2007	Teaching Assistant in EE342 - Feedback Control Systems.
	– Conducted lab sessions carrying out modeling and simulation experiments in different control systems. http://www.ee.bilkent.edu.tr/ ee342/
Jan. 2005 - May. 2005	Teaching Assistant in CS102 - Introduction to Object-Oriented Programming course.
	– Conducted weekly lab sessions helping students programming in Java.
Sep. 2003 - May. 2004	Tutor, in a suburban Primary School: Member of a group of volunteers who give courses to primary school students in the suburbs of the city.

Awards and Honors

Aug. 2008 - Present	Tuition Waiver and Teaching Assistantship, Vanderbilt University PhD. program in Computer Science
Jun. 2006 - Sep.2008	Graduate Study Scholarship granted by TÜBİTAK (The Scientific & Technological Research Council of Turkey)
Jun. 2006 - Sep.2008	Tuition Waiver, Bilkent University M.S. program in Electrical and Electronics Engineering
Jun. 2006	Graduation Honor List, Bilkent University, Electrical and Electronics Engineering
Sep. 2001 - Jun.2006	Scholarship, Bilkent University B.S. program in Electrical and Electronics Engineering

Skills

Computer Skills	OS: MS-DOS, Windows NT/2000/XP, Linux, MacOS X
	Software Packages: MS Word, Excel, PowerPoint, FrontPage, DreamWeaver, MatLab/SimuLink
	Programming Languages: Java, C/C++, php/mysql, HTML, CSS, VisualBasic, LISP
Languages	Turkish (Native Language)
	English (Advanced)
	German (Intermediate)

Extracurricular Activities

Vice President of Turkish Student Association - Vanderbilt University

Electrical Engineering and Computer Science Department Representative, Graduate Student Council - Vanderbilt University.

Interests

Artificial Intelligence and Robotics, psychology, literature and philosophy

Computer games

Juggling

Cycling, squash, volleyball and martial arts