

YASEMIN DEMIR

Koc University
Istanbul, Turkey, 34450

ydemir@ku.edu.tr

Education

M.S. in Electrical & Computer Engineering

Koç University

- Supervisor: Prof. A. Murat Tekalp
- Co-supervisors: Asst. Prof. Engin Erzin, Asst. Prof. Yucel Yemez
- Thesis title: "Multicamera Audio-Visual Dance Figures Analysis and Synthesis"
- GPA: 3.35/4.00

Fall 2006 – Present

Istanbul, TURKEY

B.S. in Telecommunications Engineering

Istanbul Technical University

- GPA: 3.35/4.00
- Graduate Rank: 7

Fall 2002 – Spring 2006

Istanbul, TURKEY

Languages

English: Advanced level , German: Beginner Level

Work Experience

Koç University, Research & Teaching Assistant

- Research Assistant: Working on SIMILAR EU FP6 Project
- Teaching Assistant:
Signals and Systems
Control Theory.

Sep. 2006 – Present

Istanbul, TURKEY

Vestel Defence Industry, Intern

Worked on Target Detection and Tracking in UAVs

Feb. 2005 – Aug. 2005

Istanbul, TURKEY

ASELSAN (Turkish Military Electronics Industries Inc.) Image

Processing Department, Intern

Worked on Target Detection and Tracking in Day-TV Videos

Aug. 2004 – Sep. 2004

Istanbul, TURKEY

Istanbul Technical University, Image Processing Laboratory, Participated in a Research Study

Worked on Robust Background-Subtraction for Person Detection In Thermal Videos

Jan. 2004 – Aug. 2006

Istanbul, TURKEY

Publications

- F. Ofli, Y. Demir, E. Erzin, Y. Yemez, A.M. Tekalp, "Multicamera Audio-Visual Analysis of Dance Figures", IEEE Int. Conference on Multimedia and Expo (ICME'07), Beijing, China, July 2007
- F. Ofli, Y. Demir, E. Erzin, Y. Yemez, A.M. Tekalp, "Joint Correlation Analysis of Audio-Visual Dance Figures ", Proc. of IEEE Conf. on Signal Processing and Communications Applications (SIU'07), Eskisehir, Turkey, June 2007
- F. Ofli, Y. Demir, E. Erzin, Y. Yemez, A.M. Tekalp, "Multicamera Audio-Visual Analysis of Dance Figures Using Segmented Body Model", Proc. of 2007 European Signal Processing Conference (EUSIPCO'07), Poznań, Poland, September 2007.

Computer Skills

- Operating systems: Windows 98 or higher (Administrator level), Linux (User level)
- Programming languages: C, C++
- Specific knowledge: MATLAB

Honors

- TUBITAK Graduate Fellowship, (2006)
- Vehbi Koc Scholarship (full graduate scholarship), Koc University, (2006).

Hobbies

- Mountaineering (mountain climbing + alpinism + rock climbing)
- Yachting
- Photographing
- Classic Guitar Playing
- Soprano Singer

References

- Prof. A. Murat Tekalp, Koç University, Istanbul, Turkey (mtekalp@ku.edu.tr)
- Prof. Siddik Yarman Graduate School of Science and Engineering Department of Physical Electronics Tokyo Institute of Technology (Ookayama Campus), Meguro-ku, Tokyo (yarman@ec.ss.titech.ac.jp)
- Prof. Bilge Günsel Istanbul Technical University, Faculty of Electrical and Electronics Engineering, Istanbul, TURKEY (bgunsel@ehb.itu.edu.tr)