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OBJECTIVE

Electrical and Electronics Engineering with emphasis on Simulation and Modeling, Telecommunications, Software Engineering, Networking.

EDUCATION

M.S., Electrical and Electronics Engineering,
Bilkent University, Ankara, Turkey
GPA: 3.25/4.0
Thesis: *Dynamic Threshold-Based Algorithms for Communication Networks*
Date of Graduation: August, 2009

Exchange Student, Information Technology,
Fachhochschule Wiener Neustadt, Vienna, Austria
GPA: 3.60/4.0
Between 2005 and 2006

B.S., Electrical and Electronics Engineering,
Anadolu University, Eskişehir, Turkey
GPA: 3.50/4.0
Thesis: *Internet Calendar Module*
Date of Graduation: September, 2006

EXPERIENCE

- 2010-Present, TÜBİTAK UEKAE/ İLTAREN, Researcher, Ankara, Turkey
- 2007-2009, Bilkent University, Research and Teaching Assistant, Ankara, Turkey
- 2006-2007, AKAD Electronics, Software Engineer, Ankara, Turkey

JOURNAL PUBLICATIONS

- N. Akar and M. A. Toksoz, "MPLS Automatic Bandwidth Allocation via Adaptive Hysteresis", *Computer Networks*, accepted for publication, Nov. 2010.
- M. A. Toksoz and N. Akar, "Dynamic Threshold-based Assembly Algorithms for Optical Burst Switching Networks Subject to Burst Rate Constraints", *Photonic Network Communications*, vol. 20, no. 2, pp. 120-130, 2010.

AWARDS & HONORS

- National Scholarship for MS students, TÜBİTAK (The Scientific and Technological Research Council of Turkey), 2007-2009
- Full scholarship covering monthly allowance, tuition and accommodation fees for graduate study, Bilkent University, 2007-2009
- Scholarship for undergraduate study in Austria for one year, 2005-2006
- Ranked 79th among over 1.5 million students in the nationwide University Entrance Exam, 2001

RELEVANT COURSES

Communication Network Analysis, Internet Architecture and Protocols, Current Topics in Computer and Communication Networks, Wireless Communications, Random Processes, Linear System Theory, Digital Communications Theory, Detection and Estimation Theory

QUALIFICATIONS

- Programming Languages: C#.Net, C++.Net, Assembly(8051), MS SQL, Java
- Application Programs: Matlab, Cplex, Latex, MS Word, Excel, Power Point
- Operating Systems: MS Windows, Linux, Unix
- Languages: Turkish native, English advanced (KPDS Score: 92, Nov 2006), German nearly intermediate (1 year of study in Austria)
- Personal: productive, analytic thinker, responsible, hardworking, self-sufficient, team worker

INTERESTS

Music, Cinema, Athletics, Reading, Internet

REFERENCES

- Assoc. Prof. Nail Akar, Bilkent University, Department of Electrical and Electronics Engineering, 06800 Bilkent, Ankara, Turkey.
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- Asst. Prof. Sinan Gezici, Bilkent University, Department of Electrical and Electronics Engineering, 06800 Bilkent, Ankara, Turkey.
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