

SIDDIKA PARLAK

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EDUCATION

Bogazici University, www.boun.edu.tr, Istanbul, Turkey

M.S. in English

2006-In Progress

- **Electrical-Electronics Engineering Department (Telecommunications Option)**
- Selected Courses : Statistical Signal Analysis (Detection and Estimation), Mobile Networks, Speech Processing, Natural Language Processing, Mathematics for Multimedia
- "Broadcast News Transcription and Retrieval Project"

Bogazici University, www.boun.edu.tr, Istanbul, Turkey

B.S. in English

2001-2006

- **Electrical-Electronics Engineering Department** (ABET accredited)
- National Student Selection Exam for University Acceptance (OSS) degree: **25th** in 1.600.000 students (Turkey 25th)
- Selected Courses :Digital Communication, DSP, Mobile Communication, Numerical Methods with C programming
- Graduate project on Turbo Processing for Video over IP (Convergence Analysis and System Optimization)

AWARDS & SCHOLARSHIPS

- İŞ Bank OSS award 2001
- TEV scholarship for successful students 2001-2006
- Honor Award in high school 2000-2001
- Full scholarship of a private school for NSSE (OSS) courses (1999-2002) 1999-2002

LANGUAGES

Turkish (native language)
English (read, write and speak fluently)
German (intermediate)

PROJECTS

<u>PROJECT TITLE</u>	<u>POSITION</u>	<u>DURATION</u>	<u>RESPONSIBILITY</u>
Turbo Processing	Personal project	1 semester	Graduate project on Turbo Processing for Video over IP (Convergence Analysis and System Optimization)
Vowel recognition	Team Leader	2 months	DSP project on speech processing (vowel recognition)

COMPUTER KNOWLEDGE

Programming languages

C(professional), Java (professional),Internet Programming with JSP(beginner), C++(beginner), VB.Net(beginner), JavaScript(beginner), ASP.NET(beginner)

Others

Multisim (electronic workbench), Digital designing (professional),MATLAB(professional), Xilinx, MS Office,MS SQL and Access Database Design

WORK EXPERIENCE

-BOGAZICI UNIVERSITY Istanbul, Turkey

2007

***Research Asistant-** "Broadcast News Transcription and Retrieval Project"

Researcher in BUSIM (www.busim.ee.boun.edu.tr/). Research is supported by TUBITAK. (www.tubitak.gov.tr)

-AIRTIES Istanbul, Turkey

2006-2007

***Developer-** Linux-embedded systems programming

Work on the software and test process of the product (indoor-outdoor access point)

-VERIPARK A.S (Microsoft Gold Partner) www.veripark.com , Istanbul, TURKEY

2006

***Developer-** .NET trainee

- NANOMAGNETICS INSTRUMENTS Bilkent ,Ankara, Turkey

2005

***Research on nanotechnology"**

Work on the software and hardware(PCB control etc.) of the Scanning Hall Probe Microscope. Project about the software design of the motor card of SHPM with Xilinx.

- ÖZAK ELEKTRONİK Beylikdüzü , Istanbul, TURKEY

***trainee**

2004

Research on some issues about electronics (such as soldering techniques, compensation etc.), observation of production process