

Feride Çetin

Education	- Koç University (KU) B.S. in Computer Engineering (graduation expected June 2006) GPA:3.69 Language of Instruction: English (2001-Present) - Kültür Science High School, Istanbul (1998-2001) - Computer Eng. Dep., Undergraduate Assistant of Assist. Prof. Engin Erzin, KU (Jan 2003-Present)
Work Experience	Activities: Improving the Turkish Text to Speech Synthesizer I developed during my internship in summer 2004(now). Testing and taking data about signal processing for preparation of masters thesis projects and working for conferences. - Momentum Software and Counseling AS, Part-time Worker, TUBITAK-MAM TEKSEB (Nov 2004-Feb 2005) Activities: Improving the Turkish Text to Speech Synthesizer I developed during my internship in summer 2004. - Dean of Students, Mentorship, KU (Fall 2004) Activities: Guiding a group of incoming undergraduate students to help them adapt to university life - Momentum Software and Counseling AS, Summer Internship, TUBITAK-MAM TEKSEB (Aug 2004) Activities: Research about Text to Speech Processing and Developing a Turkish Text to Speech Synthesizer. Projects at KU: <u>Software Engineering Project:</u> Design and Implementation of a computer game called Gizmoball by using Java and XML. <u>Digital System Design Project:</u> Design and Implementation of a Binary 4-Bit Multiplier by using Xilinx. <u>Computer Architecture Project:</u> Design an implementation of a single cycle 16-bit version of the MIPS processor, called WIMP-2004 by using Mux+PlusII software. Project at Momentum AS: - Research about Text to Speech Processing and Developing a Turkish Text to Speech Synthesizer by using Festival.
Scholarships Honors and Awards	Dean's Honor Student Fall 2003, Spring 2004, Fall 2004 Vehbi Koç Scholar Award Fall 2002, Spring 2003 Full Scholarship at KU Computer Eng. Department Fall 2001-Present FIAT, İtalian Language Education Scholarship Summer 2003 Full Scholarship at Kültür Science High School (1998-2001)
Skills	Languages: Turkish Native English Fluent Italian Good Spanish Basic Bulgarian Basic
Interest & Activities	- Music, Drawing, Cinema, Astronomy, Reading - Memberships: IEEE (Computational Intelligence & Women In Engineering Soc.) - Memberships: Computer Club KU - Memberships: Vice chairman of IEEE Koç University Student Branch - Memberships: Science Society – Astronomy Group KU - Memberships: Koç Volunteers Club KU
REFERENCE	Assist. Prof. Engin Erzin , Koc University Computer Engineering Department Tel: +90212 3381533 E-mail: eerzin@ku.edu.tr

Skills

Languages: Turkish Native
English Fluent
Italian Good
Spanish Basic
Bulgarian Basic

Principal subjects/occupational skills covered:

- Computer Programming with C,
- Introduction to Engineering,
- Object-Oriented Programming with Java,
- Discrete Computational Structures,
- Probability and Statistical Methods for Engineers,
- Signals and Systems,
- Algorithms & Data Structures,
- Digital Systems Design,
- Circuit Analysis,
- Computer Architecture,
- Programming Language Concepts,
- Software Engineering,
- Database Management Systems,
- Operating Systems,
- Analog and Digital Communication Systems,
- Computer Networks

Technical Skills:

- Programming languages C and Java,
- Scheme, VHDL, Assembly Language, SQL, XML, UML
- Xilinx Foundation (Digital system design and simulation program), PSPICE (Circuit analysis and simulation program), Wavesurfer (Sound wave processing program), Festival Speech Synthesis System, PCSpim
- Windows, Linux
- Microsoft Office, FrontPage, Adobe Acrobat.

Organizational Skills:

- In Fall 2004 as a mentor I guided a group of 11 incoming undergraduate students to help them adapt to university life
- In Spring 2003 I worked for the preparation of the booklet of **SIU** 2003 (11th Signal Processing and Applications Conference) which was held in Koç University in June 2003
- Since Fall 2003, at Koç University, I am working as a teacher in a voluntary project made for giving basic information about computers and internet