METIN SEZGIN

545-809 Technology Square
Cambridge, MA 02139, USA
(617) 225-9173
mtsezgin@mit.edu

EDUCATION:

Massachusetts Institute of Technology, Cambridge MA
Candidate for Master of Science degree in Electrical Engineering and Computer Science, May 2001

Syracuse University, LC Smith College of Engineering and Computer Science, NY
Bachelor of Science in Computer Science with Honors May 99.
Ranked 1st in the College of Engineering. GPA: 3.99/4.00 – overall, 4.00/4.00 – core
Title of the Honors Thesis: "Logic Programming: A Dynamical Systems Approach"

RESEARCH EXPERIENCE, PUBLICATIONS:

Worked with Dr. Howard Blair on my Honors Thesis as a requirement of the Upper Division Honors Program at SU. Our research was primarily on investigation of logic programs and their relationship with linear and non-linear dynamical systems using various numerical methods. I was the only undergraduate in our group which had three graduate students. We also had publication titled "Continuous Models of Computation for Logic Programs".

COURSEWORK:

System Software Design, Database Management Systems, Programming Languages Theory and Practice, Expert Systems, Artificial Intelligence, Mobile Robotics, Computer Organization and Assembly Language, Advanced Digital Logic Design, Data Structures, Statistics for Engineers, Artificial Life and Evolutionary Games, Computer Architecture, Computability Theory, Analysis of Algorithms and Data Structures, Advanced Algorithms, Functional Programming via Haskell.

HONORS AND AWARDS:

Teaching Assistantship, Massachusetts Institute of Technology 1999:
Teaching assistant for 6.034 (Artificial Intelligence) at MIT.

1999 Earl H. Devoe Prize for Outstanding Undergraduate Research, Syracuse University:
This award is given to a senior in the College of Engineering and Computer Science at Syracuse University, who demonstrates outstanding record in undergraduate research.

1999 Warren Semon Prize, Syracuse University:
This award is given to a senior in the College of Engineering and Computer Science at Syracuse University, who demonstrates outstanding achievement in Computer Science.

Syracuse University 1998-1999 Remembrance Scholar
This is the most prestigious award at Syracuse University which is awarded to only thirty-five undergraduate students who have demonstrated academic excellence, and leadership qualities. This scholarship was established to the memory of thirty-five Syracuse University students who lost their lives as a result of the bombing of Pan Am Flight 103 over Lockerbie, Scotland in December 21 1988.

Second place in the Martin and Phyllis Berman Competition for innovative Computer Programs in 1998:
Wrote my own operating system using assembly language. The operating system - MetOS - had many features including a file system, a simple editor, disk I/O, and ability to run executables. All this was accomplished without using any of the DOS ISR's.

Third Place in the Martin and Phyllis Berman Competition for innovative Computer Programs in 1997

Attended the competition with a simulation program demonstrating the physical properties of the Spectrin molecules forming the Crystalline Network of red blood cells using a Monte Carlo Simulation technique.

Member of NY β chapter of Tau Beta Pi Honor Society at Syracuse University
As an engineering student in the top fifth of my senior class, I was invited to join into this engineering honor society.

Member of Phi Kappa Phi Honor Society at Syracuse University

Honorary Scholarship from Syracuse University covering full tuition during my undergraduate education
Enrollment in Upper Division Honors Program at Syracuse University.

L.C. Smith College of Engineering and Computer Science PRIDE 4.0 Club certificate for civic and academic excellence.

Entered Dean's List in all semesters.

WORK EXPERIENCE:

Computer Software Engineer at Havelsan, Ankara Turkey 06/99 - 09/99

Participated in the development and testing of Interceptor Firewall.

Grader for CIS 351 Data Structures and Algorithms 8/98 – 12/98
Syracuse University, Syracuse NY

Research Intern at ASELSAN Electronics, Ankara Turkey 06/98 - 07/98

Evaluated Orbix and OrbixWeb implementations of CORBA for Windows95, Unix, and VxWorks platforms for the leading electronics company in Turkey. ASELSAN's products are marketed in Turkey as well as in other European countries and NATO members.

Undergraduate Teaching Assistant Syracuse University, Syracuse NY 01/98 - 05/98

Assisted students in Mobile Robotics Course, CIS 400, in their robotics projects which consisted of building and programming robots to run a maze.

Computer Software Developer BlackWatch Tech . Inc Syracuse NY 8/96 - 05/98

Implemented user interface and database modules of a security tool for managing security policy generation, configuration, and enforcement. The final product will provide security for government systems, commercial systems, and health care related applications.

Computer Software Developer, Syracuse University Physics Department, Syracuse NY 9/96 - 12/98

Participated in development of educational programs for the NSF funded project `Integration of Information Age Networking and Parallel Supercomputer Simulations into University General Science and K-12 Curricula'.

TECHNICAL SKILLS: Extensive knowledge in Java, C, C++, JavaScript, 80x86 Assembly Language, SQL, Lisp, Scheme, Clips, Html, Haskell, Basic, Oracle, Orbix, OrbixWeb and CORBA architecture. Platforms: Unix, Linux, Windows95/NT, MacOS, X windows, Dos.

Software: Adobe PhotoShop, MS Office, and other programs on PC's.