

WORK EXPERIENCE**ANSOFT CORPORATION** **Software Engineer** Burlington, MA, USA October 2003 – Present

- Developing complex circuit design simulation software in C++
- Improved the functionality of Ansoft's Nexxim software by developing IBIS module and successfully deploying it on time for following product release
- Ported Nexxim software which was originally developed on Windows to Linux and Solaris operating system environments in less than two months
- Migrating Nexxim's source code to Intel 64-bit processor architecture
- Developing and maintaining compiler for device simulation models, which are written in a proprietary language

MIDNIGHTTRADER, INC. **Software Engineer** Medford, MA, USA September 2002 – April 2003

- Developed a real-time statistical analysis system running analytical calculations on data received through multicast TCP/IP sockets and feeding the results to the MySQL database and to the front-end Java Applets

NORTHEASTERN UNIVERSITY **Graduate Assistant** Boston, MA, USA June 2002 – September 2003

- Developed intelligent agents for autonomous vehicles in real-time driving simulators using Java3D
- Installed and administered Oracle 9i Database on Solaris for Biological Knowledge Laboratory
- Acted as teaching assistant for Component and Enterprise Software Development with Java, JSP, Servlets and XML

ORACLE CORPORATION **Training Consultant** Istanbul, Turkey January 2000 – August 2001

- Delivered wide range of trainings including the followings in less than two years
 - Oracle8i Database Administration
 - Java Programming (using JDeveloper), Database Applications with Java, JSP, Servlets
 - SQL, PL/SQL, Oracle Developer6i, Oracle Discoverer
 - Building Corporate Portals and Portlets
- Developed and maintained the Education Department Customer Database and Registration Interface Modules

AKNET **Analyst Programmer** Istanbul, Turkey August 1999 – January 2000

- Worked on the development of Electronic Fund Transfer Project and maintained Import-Export subsystem of Akbank
- Attended several IBM trainings in order to contribute to the Electronic Fund Transfer Project

CYBERSOFT S.C. **Analyst Programmer** Ankara, Turkey October 1998-June 1999

- Analyzed, designed, and implemented the Web-Based Job and Career Counseling Module of The Automation of Local Labor Offices Project. My studies contributed to the early stages of the project with which CyberSoft won 2003 Computerworld Honors 21st Century Achievement Award
- Employed Microsoft Developer Studio on Oracle 8.0.5 database with respect to 3-tiered architecture and ISAPI programming to handle web requests. Also, used CORBA to handle client requests

EDUCATION**Northeastern University** Boston, MA, USA **M.S.**, September 2003

- Major: Computer Systems Engineering (Engineering Software Design)
- Research Topic: Java3D Virtual Reality Driving Simulation with Parameterized Tiles by Using Databases

Middle East Technical University Ankara, Turkey **B.S.**, June 1999

- Major: Computer Engineering
- Research Interests: Component-Based Programming, Database Design, Web-Based Object-Oriented Programming

CERTIFICATES

- Sun Certified Programmer for the Java 2 Platform
- Oracle Certified Internet Application Developer, Oracle Forms Developer Rel. 6/6i

SKILLS

- Programming Languages: Advanced knowledge in C, C++, Java, Java3D, SQL, Oracle PL/SQL, SQLJ, JavaScript, XML, HTML, Delphi, Visual Basic, Cobol
- Middle Ware: CORBA, EJB
- Operating Systems: Advanced knowledge in Unix (Solaris, Linux), Windows 2000/NT/XP/98, MVS ESA
- Databases: Oracle (8i, 9i), IBM DB2, MySQL, Berkeley Database

PERSONAL

- Languages: English, German (elementary)
 - Performer of Collage International Dance Ensemble since 2001
 - Received the highest diagrammatic reasoning test score within the all Turkish Norm group and ranged in the 99% of the UK work-experienced staff norm line in the test provided by SHL Turkiye
 - Graduated as Valedictorian from Samsun Anatolian High School
-