CURRICULUM VITAE

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Languages   :   English (fluent), Turkish (fluent), French (medium), Dutch (poor).
Citizenships: Turkish and Dutch.

WORK EXPERIENCE

July 2010 - present: Department of Computer Engineering, Bilkent University.

Works as instructor and teaches various computer courses such as "Introduction to Computing for Social Sciences", "Introduction to Programming for Engineers".

Performs CS department's software and hardware maintenance works.

September 2001 - June 2010: Department of Computer Technology and Programming (CTP) and Department of Computer and Instructional Technology Teacher Education (CTE), Bilkent University.

Worked as instructor and taught various computer courses such as "Programming for the Internet", "Elementary Data Structures", "Computer Architecture", "Introduction to Programming", "Operating Systems", "Discrete Mathematics" and others.

Designed and developed web based database applications and systems using PHP and MySQL.

January 2001 – June 2001: Part-time Instructor in:

- **Department of Computer Technology and Programming, Bilkent University.** Taught "Computer Architecture" course.
- **Department of Computer Engineering, Atılım University.** Taught "Computer Programming (C Language)" and "Computer Architecture and Organization" courses.

July 1997 – December 2000: ÇözümEvi Information Technologies Ltd.

Provided consultancy services to various companies:

- Consultancy for the Analysis Phase in the ULYSSES Project for Golden Pages, in VNU Publitec, the Netherlands, 2000.
- Consultancy for software project management to HAVELSAN A.S. in the Turkish Airforces Information System (TIS) project, 1998 - 1999.
- Consultancy for Software Quality Assurance for LIKOM A.S. in Turkish Ministry of Health Automation Project, 1997 - 1998.

March 1996 – July 1997: Founder and General Manager of ATLANTIS Software Ltd.

Planned and managed all software development activities, managed the company.

Provided consultancy services for Software Project Management for HAVELSAN A.S.

April 1995 – January 1996: Managing Director, IMAGO Software Co. Ltd.

Planned and managed all software development, localisation (customisation for Turkish language), software import, marketing and advertisement activities.

January 1987 - March 1995: ITT World Directories, PUBLITEC B.V., The Netherlands.

ITT WD Publitec is the R&D, information systems development and data services center for the ITT World Directories units around the world. Held the following positions:

October 1994 - March 1995: Reusability Manager

Responsible from the management of the Reusability Project. This project covers the improvement of the reusability standards and procedures, identification of the reusable components, construction of a corporate reusability infrastructure and guidance to project groups for reuse. The corporate reusability infrastructure consists of a repository of the reusable components and an inventory system to search and access this repository.

The purpose of this project is to increase the productivity of software development in ITT Publitec and enable development of coherent and standard software products.

Had first hand experience with Oracle 7 CDE tools such as SQL*Plus, SQL*Loader, Oracle*Forms, etc.

September 1991 - September 1994: Project Leader and Project Coordinator

Prepared project proposals and project plans, handled customer relations, worked in project coordination, performed requirements gathering, systems analysis, design, implementation and installation in the Thomas Register Europe (formerly Pan European Directory) Project. Planned and supervised the development of the TRE (Thomas Register Europe) Preparatory System software.

Familiarized with Geographical Information Systems (GIS). Prepared project plan for a Mapping prototype system, analyzed how GIS can be used in Yellow Pages (YP) business. Obtained hands-on experience with a GIS: MapInfo system.

Analyzed and developed the Change Control System (CCS) for recording, tracking and managing the software change requests and bug reports.

Analyzed and developed the Time Registration System (TRS) for recording the time sheets of employees both for project management and accounting purposes. CCS and TRS were utilized in ITT Publitec BV for several years.

During this period, took part in the Quality Circles for work towards establishing and applying "Software Development Quality Procedures" in the company. As a result of these works, ITT Publitec got an "**ISO 9001**" certificate.

January 1991 - August 1991: Member of Publimedia-Publitec Taskforce

The taskforce was set up by the ITT WD Headquarters in Brussels because of serious management problems in ITT WD Netherlands. The taskforce consisted of 8 high potential middle managers and reported directly to a Senior Vice President of ITT WD Brussels. During the taskforce period, the taskforce had full decision power on all IS matters, company organizational structure and working procedures.

The objective was to satisfy ITT Publimedia as a user of the ADTEC system and to solve the serious communication problem between the two companies. Identified and prioritized problems, formed work groups which consisted of users and analyst/programmers, solved the reported problems.

The taskforce was considered very successful by ITT WD Headquarters in Brussels at the end of their task period.

April 1990 - January 1991: Group Leader

Coordinated and managed the development of the DA inquiry subsystem in the Automated Directory Assistance System (ADAS) project. Analyzed, designed and developed ADAS/LUF (Listing Update Facility) System.

Analyzed, designed and developed the FORM package, a general purpose screen/form handling package with extensions to handle screen monitoring.

During the same period, became member of ITT Bilka **Turkish Database Taskforce**.

January 1987 - March 1990: Technical Consultant, Systems Analyst

Contracted by S.E.T. ALCATEL (Standard Electric and Telecommunications Ltd.) to work as technical consultant in systems analysis, design and development.

Worked in VAX/VMS environment on a cluster of VAX systems. Designed systems, databases, applications, and programmed using C, COBOL, FORTRAN, VIP (4GL) and DCL.

Developed tools for YP Database Maintenance. Used DRS (Data Retrieval System) database package.

Analyzed, designed and co-implemented Software Customization Package for telephone directory softwares, YP (Yellow Pages) Canvass Preparation Package, Data Clean-up Package and Production Schedule Control Package.

Worked in customization, testing and debugging of a directory software package: DOSS (Directory Operations Support System).

Analyzed, designed and implemented software packages for White Pages and Government Pages for Türkiye. These packages include conversions, normalizations, abbreviations, grouping, database update applications, block update applications, conversion to pre-pagination format, post-pagination to Typesetter conversion.

Built experience in Automated Pagination System (APS).

January 1985 - January 1987 : Technical Consultant and Senior Analyst-Programmer

Performed systems consultancy, systems analysis and programming for different companies located at Istanbul, Türkiye:

- An industrial electronics company, E.L.S.A. A.S. Developed a complete integrated software package consisting of accounting, inventory control, ledger, production control and planning, etc.

- An industrial forging company, PARSAN A.S. Developed software on IBM S36 using RPGII.
- A software and microcomputer marketing company, SMART A.S.

January 1984 - December 1984 : Consultant and Instructor

Worked in the following institutions:
- Middle East Technical University, Department of Computer Engineering, Ankara, Türkiye. Worked as instructor, undertook full responsibility of a computer course.
- BIEM Ltd., Ankara, Türkiye. Taught many computer courses including Basic, Pascal programming languages, data structures, operating systems and others.

December 1982 - January 1984 : Senior Analyst-Programmer

Worked in BEST Ltd., Ankara, Türkiye, a software house and PC distributor company. Analyzed, designed and developed software systems, namely PC terminal software, General Accounting package.

January 1980 - April 1982 : Teaching and Research Assistant

Worked in academic circles as teaching and research assistant:
- Department of Computer Science, University of Waterloo, Waterloo, Ontario, Canada.
- Department of Computer Engineering, Middle East Technical University, Ankara, Türkiye.

COMPUTER KNOWLEDGE

LANGUAGES: PHP, HTML, Java, JavaScript, SQL, C, C++, FORTRAN, PASCAL, COBOL, PL/I, Basic, PostScript, VIP (4GL), RPG II, PROLOG, ADA, ALGOL, DBASE II, and Assembly Languages of Intel 8080-8086, Motorola 6802-6809-68000, PDP/11, IBM 370.

SOFTWARE PROJECTS: In addition to those mentioned in Work Experience: File conversion utilities, Data Clean-up Utilities, Full Screen Text Editor, General Accounting Software, Inventory Control Software, Invoice and Billing Software, Production Control and Planning Software, Intelligent Mobile Robot Software, Terminal Driver Software, Speech Recognition Software, Microprocessor Cross-Assembler and Emulator.

OPERATING SYSTEMS: MS Windows 3.x/95/98/NT/XP/Vista/7, MS DOS, VAX/VMS, UNIX/Linux (Debian, Ubuntu), NextStep, OS/VS, HONEYWELL TSS, CP/M, CP/M-86, MP/M, ISIS II.

SYSTEMS Used: IBM PC compatibles, VAXstation, VAX, MACINTOSH, IBM S36, IBM 370, HONEYWELL 66/60, APPLE II, INTEL 8085, 80x86 based microcomputers, MOTOROLA 6802 and 68000 based microcomputers.

EDUCATIONAL BACKGROUND

- **Department of Computer Science**, **University of Waterloo**, Waterloo, Ontario, Canada. 1981-1982.
  Took graduate courses, made research and software development in mobile robot programming, worked as teaching assistant.
- **Department of Computer Engineering**, **Middle East Technical University**, Ankara, Türkiye.
  M.S. (Master of Science) degree in Computer Science, 1981. G.P.A. 3.75 / 4. High honor list of President.
  Took graduate courses in computer science, done M.S. thesis consisting of an original work combining hardware and software in Speech Recognition area; worked as research and teaching assistant.
- **Department of Electrical Engineering**, **Middle East Technical University**, Ankara, Türkiye.
  B.S. (Bachelor of Science) degree in Electrical Engineering, 1979. G.P.A. 3.25 / 4. Honor list of President. Graduated from the computer control section.
  Scholarship from TUBITAK (Turkish Scientific and Technical Research Council).
- **Saint Joseph French High School**, Istanbul, Türkiye.
  Science Concentration, Diploma 1974. Honor list.

PROFESSIONAL COURSES ATTENDED

- Microsoft Foundation Classes Training, Amsterdam, The Netherlands, October 1994.
- Modsim II Simulation Language Course, CACI, Camberley, U.K., June 1994.
- ISO9001 Internal Auditor Training, Amsterdam, The Netherlands, February 1994.

- Influencing Skills Workshop, Management Development Programme, Sheppard Moscow, Amsterdam, The Netherlands, February 1994.
- C++ Hands On Programming, Learning Tree International, London, June 1993.
- Object Oriented Analysis and Design, Learning Tree International, London, November 1992.
- Top Customer Services Training, Krauthammer B.V., Amsterdam, The Netherlands, 1992.
- Yourdon Structured Design, Utrecht, The Netherlands, October 1991.
- Yourdon Structured Analysis, Utrecht, The Netherlands, September 1991.
- ITT Management Skills Workshop, Luxembourg, April 1991.
- Interviewing Skills, ITT Publitec B.V., Amsterdam, The Netherlands, 1990.
- C Language Course, ITT Publitec B.V., Amsterdam, The Netherlands, 1988.
- DRS and VIP Course, ITT Publitec B.V., Amsterdam, The Netherlands, 1987.
- VAX/VMS Course, ITT Publitec B.V., Amsterdam, The Netherlands, 1987.
- Systems Analysis, IBM Education Center, Istanbul, Türkiye, 1985.
- RPG II, IBM Education Center, Istanbul, Türkiye, 1985.
- IBM System 36, IBM Education Center, Istanbul, Türkiye, 1985.
- Graduate and undergraduate computer courses taken in Middle East Technical University, Ankara, Türkiye, and University of Waterloo, Waterloo, Ontario, Canada, on Different Computer Languages, Data Structures, Data Base Management Systems, Computer Organization and Architecture, Computer Operating Systems, Systems Programming, Real Time Programming, Artificial Intelligence, Automata Theory, Numerical Analysis, etc.

THESIS, PUBLICATIONS AND SEMINARS

1. "A Microcomputer Based System for the Recognition of Spoken Turkish Digits", M.S. Thesis, Department of Computer Engineering, Middle East Technical University, Türkiye, September 1981.
2. SEMINARS : All these seminars are presented by Halil Özmen in the Department of Computer Engineering, Middle East Technical University:
   a) "Computer Chess", January 1983.
   b) "INTEL iAPX 432 Microprocessor", January 1983.
   c) "PROLOG, A Programming Language based on 1st Order Predicate Calculus", January 1983.
   d) "SISD, SIMD, MISD, MIMD Parallel Computer Architectures", March 1983.
   e) "Computer Interconnection Structures: Taxonomy, Characteristics and Examples", February 1984.
   f) "Pipeline Computer Architecture", March 1984.
   g) "DBASE II, A Relational Data Base", April 1984.

AWARDS

- I.T.T. Publitec, **Excellence Award** as a member of TRE development team, 1994.
- I.T.T. Publitec, **Excellence Award** for outstanding personel contribution to ITT Publitec, 1993.
- I.T.T. **Quality Award** signed by I.T.T. President Rand Araskog, 1991.
- 2nd place among 150,000 participants in Science points in the University Entrance Examination, Türkiye, 1974. 1st place in entering Middle East Technical University.
- 3rd place in the National Mathematics competition among the high school students in Türkiye, 1974.

PERSONAL

Born January 1 1955, married, two children; Turkish and Dutch citizen.

SPECIAL INTERESTS

Chess, bridge, science-fiction, tennis, basketball, volleyball, football, skiing.

Actively playing chess in competitions. Captain, manager and player of a chess team playing in the Turkish Chess Super League. Chess Champion of Ankara in 2007, and several times 2nd in Ankara City Chess Championships.