

# ALI YUCEL YORKOS

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### **OBJECTIVE:**

Getting a position in which I can utilize my computer literacy, and Engineering experience in the area of Management Information Systems.

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### **EDUCATION :**

**University of Central Florida, Orlando, Florida**  
Department of Industrial Engineering, December 1999  
Master of Science in Engineering Management  
Overall GPA: 3.5

**Yildiz Technical University, Istanbul, Turkey**  
B.S. in Chemical Engineering, February 1996

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### **EXPERIENCE:**

**University of Central Florida, Orlando, Florida**  
*Senior Computer Programmer/Analyst* December 2000 - present

Developing Microsoft Access and Visual Basic applications to automate existing processes. Designing and modifying relational databases to accommodate various reports and form interfaces. Writing ad-hoc reports using Microsoft Access, Crystal Reports, and Visual Basic reporting tools to assist Registrar's Office reporting needs and providing information for approved external organization requests. Maintaining and modifying existing computer programs and systems. Serving as a consultant to the Registrar's Office and functional users in all phases of computer systems and processes for student records and registration for the university. Providing technical assistance to other departments that require use of student information files and procedures. Coordinating Registrar's Office web site and enhancements in web students services. Responsible for design, development and maintenance of the web site. Working as a liaison between the Registrar's Office and Computer Services in all aspects of computer programs, systems and processes for student record and registration. Acting as an analyst to determine student record reporting needs within PeopleSoft software. Writing business procedures to assist Registrar's Office staff in using Relational Databases, and Visual Basic Applications.

**IT Solutions, Orlando, Florida**  
*Computer Programmer/Analyst* January 2000 – December 2000

Developed and Managed Microsoft Access Applications. Provided data for both Orlando and Houston call centers of the Company. Performed analysis and created reports in order to help Management in decision - making and to increase productivity. Analyzed user requirements, procedures, and problems to automate processing or to improve existing computer systems. Conferred with personnel or organizational units in analyzing current operational procedures, identifying problems, and learning specific input and output requirements. Wrote detailed description of user needs, program functions, and steps required to develop or modify computer programs. Studied existing information processing systems to evaluate the effectiveness and develop new systems to improve reports, memoranda, and instructional manuals and documentation of program development. Assisted Computer Programmer in resolution of work problems related to flow charts, project specifications or programming. Instructed and trained individuals relative to operation and use of designated application programs.

Designed and implemented different computer applications to help the department utilize new technology and work efficiently. Planned and designed process flow for task specific computer applications in Windows (Windows 95/98 and Windows NT) environment. Analyzed, reviewed, and altered programs to increase operating efficiency or adapt to new requirements. Wrote documentation to describe program development, logic, coding, and corrections. Wrote manuals for users to describe installation and operating procedures. Trained and assisted users on how to use programs/processes. Resolved operating problems. Gathered and managed the customer data regarding credit card transactions. Reported on a daily basis, as well as, compiling monthly reports and any special projects as required.

**Tepum, Istanbul, Turkey**

Computer Programmer/Analyst

June 1996 - July 1997

Developed databases, transported files between various mainframe and microcomputer platforms and applications, developed test data sets for program testing as debugging, performed and/or monitor others in data and program maintenance procedures, executed statistical procedures and extract relevant data as directed. Performed complex data manipulations as preparation for analysis. Worked independently on specified phases on projects. Interacted collaboratively with personnel from retention program staff on specified technical computer/data related issue. Instructed and trained individuals, and program users/customers, relative to operation and use of designated application programs.

**Hoechst AS, - Based in Germany**

Quality Assurance Engineer

July 1993 – October 1994

Performed statistical analysis to improve manufacturing methods. Controlled the Computerized Reaction Equipment by using linear programming applications to optimize productivity. Performed reporting using Microsoft Office, and other statistical software packages. Analyzed Reaction variables using Computer Applications in Experimental Design.

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**HONORS:**

1/1997 - 12/1999 University of Central Florida, Industrial Engineering Department 75% - 90% tuition waiver.

7/1994 - 8/1994 IAESTE full scholarship for international studies and practical training with 100% grant.

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**COMPUTER SKILLS:**

Operating Systems: MS-DOS, Windows 95/98, Windows 2000, Windows NT  
Programming Skills: Database programming, SQL, C/C++, Visual Basic, Linear Programming, HTML, CLIPS for Expert Systems, Pascal, Basic programming.  
Software Skills: Microsoft Access, Microsoft Word, Excel & Powerpoint, Word Perfect, Quadro Pro, Lotus 1-2-3, Microsoft Project, MS Visio, Minitab(statistical package), Netscape, TORA for Linear Programming.

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**COURSES TAKEN:**

Cost Engineering	Project Engineering
Expert Systems	Management Information Systems
Engineering Economic Analysis	Statistics for Engineers
Engineering Management	Total Quality Management
Ergonomics	Systems Safety and Engineering
Operation Research	Business Data Networking and Communications
Advanced Database Administration	

**BS Research Project:** Creating relational database for catalysts used in liquefaction of coal.

**BS Thesis:** Polymeric material used for making red-hot of steel. Characteristics of polyethylenglycol, production methods and usage in other industrial areas.