

Pasha H. Arshadi
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Objective: To obtain a challenging technical position in the field of Information & Computer Science or related fields.

Strengths: Intuition, organization, and assertiveness. I am a responsible individual with a desire for learning technical skills in a professional environment. In addition to ability to work with internal and external customers, I am a team player and willing to take on difficult assignments in a rapid priority-changing environment.

Education:

1996- 2001

University of California, Irvine

Irvine, CA

• B.S. Information and Computer Science

Computer Knowledge:

• **Programming Experience:**

• C, C++, Java, JavaScript, HTML, HTTP, Lisp, Prolog, Assembly Language, Scheme, Tcl/tk, Visual UML, Pascal.

• **Operating Systems:**

• Windows 3.x/95/98/NT/2K, Unix, Linux, DOS, MacOS

• **Software Experience:**

• MS Visual C++, Borland C++ Builder, Symantec Visual Café, MS Word, MS Excel, MS Power Point, Word Perfect, MS Photo Editor, Adobe Photo Shop, MS FrontPage, Tomcat Web server

• **Computer Science**

• Data Structures, Programming, and Algorithms in C++/Java – (ICS 21-23, 52, 161)

Abstract behavior of classic data structures (stacks, queues, priority queues, tables, trees), alternative implementations, storage allocation, memory techniques, analysis of time and space efficiency, and recursion.

• Software Engineering and Object Oriented Design – (ICS 121, 125)

Concepts and techniques of constructing software in a systematic fashion, including detailed design techniques, specifications, programming methods, quality-inducing procedures, development tools, team techniques, testing, estimation, and performance improvement.

• Programming Languages – (ICS 141)

In-depth study of several programming languages with use of different programming paradigms, such as logic programming, functional programming and object-oriented programming; implementation strategies, programming environments, and programming style.

• Digital Logic Design – (ICS 51, 151)

Design/analysis of combinational and sequential systems using SSI/MSI/LSI modules. Number systems. Error detecting and correction codes. Arithmetic algorithms. Hardware/firmware implementation of algorithms.

• Computer Networks – (ICS 153, 156)

Layering approach of communication, and the function of each layer. Long haul networks local area networks, and high-speed networks. Fundamental principles in computer networks are applied to obtain practical experience and skills necessary for designing and implementing computer networks, protocols, and network applications. Various network design techniques, simulation techniques, and UNIX network programming are covered.

• Medical Information Systems – (ICS 108)

Concepts related to the incorporation of computing and information technology into health-care environments, covering both the technological challenges and the social challenges. Topics include computer-based patient record systems, decision support systems, medical imaging, and databases.

• Social Analysis of Computerization and Information Systems – (ICS 131, 132)

Social opportunities and problems raised by new information technologies, and the consequences of different ways of organizing. Introduction to Information systems in organizations, components and structure of organizational information systems, and techniques used in information systems analysis, design, and implementation.

• Artificial Intelligence – (ICS 171)

Concerned with different means of representing knowledge and uses of representations in heuristic problem solving. Representations considered include predicate logic, semantic nets, procedural representations, natural language grammars, and search trees.

• **Mathematics**

• Discrete/Computer Mathematics, Boolean and Linear Algebra, Calculus.

Experience:

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| 4/2000
to Present | Endeavors Technology <ul style="list-style-type: none">• Developing code in the java language to improve Magi Core product which is a cutting edge peer to peer Enterprise software system used for file sharing and file collaboration over a network.• Worked on Magi search piece, which allows the searching of files over distributed peers on the network.• Consulted with various potential clients concerning the use of Magi for accomplishing desired tasks to be accomplished.• Developed java servlet to host Microsoft Outlook through Magi Core product for multiple clients (i.e. Samsung, Meryll Lynch, Accenture). | Irvine, CA |
| 7/2000
to 3/2000 | QLogic Corporation <ul style="list-style-type: none">• Developing Java test scripts using Junit to test Java classes for Host Bus Adapter Driver software (QLogic Management Suite).• Assisted in creating HTML and Javascript for release of Host Bus Adapter Driver Software application (QLogic Management Suite) | Aliso Viejo, CA |
| 11/99
to 5/2000 | Cisco Systems, Inc. <ul style="list-style-type: none">• Generated scripts for test automation of DSL systems and products.• Performed quality assurance for increasing DSL products performance. | Irvine, CA |
| 9/99
to 11/99 | Western Digital, Inc. <ul style="list-style-type: none">• Maintained quality assurance for increasing software performance.• Created various script files for testing of SCSI and EIDE drives. | Irvine, CA |