

Taraneh Maleki

Software Engineer - Thermo Fisher Scientific

Cherry Hill, NJ - Email me on Indeed: [indeed.com/r/Taraneh-Maleki/293b08c88a761911](https://www.indeed.com/r/Taraneh-Maleki/293b08c88a761911)

WORK EXPERIENCE

Software Engineer

Thermo Fisher Scientific - March 2011 to February 2015

Maintenance and development of a "Paper Less Lab" application on Windows 7 written in C# and .NET

- UI design and implementation
- SCRUM methodology
- Database design (Oracle)

Software Engineer Principal Leader

Computer Science Corporation - Moorestown, NJ - June 2009 to March 2011

Moorestown, NJ 6/97- 3/11

Providing systems engineering, software engineering, and system integration products and services to Coast Guard

Senior software Engineer

Computer Science Corporation - 2004 to February 2011

Troubleshoot software design and implementation issues within a large scale complex real time system, diagnose, fix, test and deliver the solution using C++, JAVA, Unix Scripts, and OO methods.

- Design, develop, and test back end and front end (GUI) applications integral to a complex large scale real time system using C++.
- Contribute to Research and Development projects for prototyping purposes using JAVA
- Conceive, develop, and successfully deliver projects on time meeting key deadlines
- Designed, developed, and delivered Sensor Manager Software Applications using C++ and OO methods, . Sensors' Channel Managers using C++. and real-time software applications;
- Employed Object Orientated Analysis and Design (OOA/OOD) methodology using UML tools to create open and reusable system functionality.

Senior Computer Scientist

Joint Computer-Aided Acquisition and Logistics Support Project - 1997 to 2004

Designed and developed GUI based Reference Library Utility for Windows (Visual C++)

- Worked on enhancements of CSC Workflow Management product. (Visual C++)
- Conducted compatibility study of CSC workflow product versus Workflow Management Coalition Standards. (WfMC)
- Designed and developed socket-based communication in C for UNIX and Windows
- Created and developed C interfaces between CSC product (UNIX/ORACLE based) and External Systems - NT, Win 95, Legacy systems, other Oracle instances- (C, Stored Procedures, UNIX & UNIX scripts).

Senior Member of Technical Staff

Avemco Insurance Corp - Frederick, MD - 1992 to 1997

Trained SDLC methods to 50 engineers (OOSE) for the purpose of reverse engineering legacy code

- Reverse engineered 5000,000 lines of COBOL legacy insurance application. w/o prior knowledge of COBOL, to obtain OO use cases, and analysis objects as a prelude of code conversion from Cobol to Visual C++

- Designed Windows GUI, Developing and heavy debugging of existing C++ code. (Borland IDE).

Member of Technical Staff

Telematics International Corporation - Reston, VA - 1988 to 1992

Direct responsibility for design, implementation, maintenance, and testing of different software components of a 68000 based T1 multiplexer (Digital eXchange) such as Voice Card, Data Card, Network Fault Detection Utility.

Software Development Engineer

Honeywell Inc - Fort Washington, PA - 1984 to 1988

Developed 68K based state-of-the-art digital process control system. (Used Pascal)

Member of Technical Staff

Processor Innovations Consultants - Eatontown, NJ - 1981 to 1984

Responsible for a cross-development software product that enhanced an Intel Microcomputer to behave as a Texas Instrument Microcomputer to introduce Intel Developers to Texas Instrument's Development suites.

- Software/hardware evaluation, research, design, and implementation through different projects: operating system modifications, software to debug hardware, Texas Instruments Emulators, File conversion utility.
- Designed, implemented and tested client and server TCP/IP socket interfaces.

EDUCATION

computer science

Stevens Institute of Technology - Hoboken, NJ
2004

BS in Electronics Engineering

Monmouth University - West Long Branch, NJ
May 1981

B.S. in Electronics Engineering

Tehran Polytechnic University
1975 to 1979

ADDITIONAL INFORMATION

TECHNICAL EXPERTISE

Software: C#, .NET, C++, JAVA, ANSI C, CMS 2, HTML, XML, Visual C++, SQL, Shell Script, embedded systems, Crystal Reports; currently learning Objective C

Hardware: Sun, VAX, Redhawk, 68000 Motorola, 8051 Intel, Emulators

Tools: Rational Rose, Visio, PowerPoint, Excel, Clear Case, Microsoft Word, Oracle, Sybase, UML

Operating Systems: SunOS/Solaris, VAX VMS, Linux, UNIX, WINDOWS

SKILLS

Trilingual (English, French, Persian)

COMMUNITY

Volunteer, Soup Kitchen, Fundraising for Voorhees Middle School, Assisted Living Laurel Lakes