
NORMAN B. REICH

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EDUCATION: **M.S.; Computer Science (Software and Systems);** *The George Washington University*; September 1993
The University of Pittsburgh; Master's Degree Program; Computer Science; Fall 1991
B.S.; Computer Science; *The University of Maryland at College Park*; May 1991
The University of Maryland at College Park; Special Engineering Program; Summer 1986

SPECIAL TRAINING: HTML '98 - HTML, Scripting, Unix & Security, Java
Project Management Training, Winter 1997
Total Quality Management (TQM) Training, 1997, Fall 1995

COMPUTER SKILLS: **Computer Languages (extensive knowledge):** Ada, C, Pascal, Fortran, BASIC, HTML, JavaScript, Perl, PostScript, Unix ShellScript, DCL
Computer Languages (general knowledge): Lotus Notes, Java, SQL, C++, LISP, COBOL, Assembly, SNOBOL
Computer Programs (various levels): Lotus Notes, Netscape, Internet Explorer, WordPerfect, Word, Access, 1-2-3, Excel, Freelance, PowerPoint, Photoshop, FLASH, ORACLE Relational Data Base Management System, Informix RDBMS, Visible Analyst Workbench CASE Tool, DBASE IV, CAD programs, various graphics programs, and others
Computer Systems: IBM PC, Macintosh, HP, DEC VAX, DEC MicroVAX, Sequent, Cyber
Operating Systems: UNIX, Windows 98, 95, 3.1, NT, IBM DOS, Cyber NOS/VE, DEC VAX/VMS
Typing: speed ~ 100 wpm

WORK EXPERIENCE: **SYSTEMS DEVELOPER / SENIOR SCIENTIST. *Vector Research, Incorporated, Arlington, VA;***
March 1994 - Present. Created a functional library for the company, primarily in building a Lotus Notes database to keep track of items, what and where they are, history of their use, and more. Developed a web-based subscription database for Architecture Code References. Project leader for all medical database information systems used by the military health care systems and managed all programmers on these projects. Managed and coordinated the clients and the users externally, as well as time, money, and skills, internally amongst the constantly changing staff. Successfully kept the client happy, the staff managed, and the projects completed within budget and on time. Technical leader for all medical database information systems used by the military health care systems and managed all programmers on these projects. Maintained existing code and developed new code. Worked on the entire life-cycle for software development in the design and implementation of a data processor. The system received data, screened it, processed it, reported on it, and loaded the data into a database for retrieval using the programmed user interface for the system. Additionally, worked with HTML Code for creating pages for a Health Affairs Site on the World Wide Web. Technical leader for a major military health affairs medical database information system (RCMAS). Created a database using Microsoft Access including the structure, input screens, and output reports, to be added into an externally developed database information system.

INDEPENDENT COMPUTER CONSULTANT. *NBR Computer Consulting, LLC, Alexandria, VA;* January 1996 - Present. Provided independent computer consulting services for clients as requested. Designed and created both internal and external web-pages including HTML, JavaScript and Perl. Other projects included camera-ready copy preparation, database design and implementation, flyer and card design, computer tutoring, computer trouble-shooting, and general computer consulting.

COMPUTER SCIENCE TUTOR. Summer 1992 - April 1994. Provided personal instruction in computer use for college and graduate students.

COMPUTER SCIENCE PROGRAMMER. *COMSAT Corporation, Clarksburg, MD;* Summer 1991. Enhanced, combined, modularized, and modified computer satellite programs concentrating

on improving the user interface, the usage, and the overall efficiency of several computer programs.

COMPUTER SCIENCE TUTOR. *University of Maryland at College Park Computer Science Tutorial Center, College Park, MD*; Spring 1991. Supervised a newly formed computer science tutorial lab and assisted people with questions or problems about computer science or the computers.

COMPUTER SCIENCE TRAINEE. *Department of Defense, Corps of Engineers, Rockville, MD*; Summer 1990. Worked with ORACLE Relational Database Management System extensively, including query languages, database networking, natural language querying add-ins. Designed Lotus 1-2-3 macros and PC-mainframe interfaces to allow users to quickly and easily retrieve sets of data from ORACLE into a lotus worksheet.

COMPUTER SCIENCE TRAINEE. *National Institute of Standards and Technology (formerly National Bureau of Standards), Gaithersburg, MD*; Winter 1989/1990 and Summer 1989. Worked with ORACLE Relational Database Management System extensively, including query languages, advanced report writers, form generators. Added new graphics capabilities to existing database programs (including graphing). Modified existing database programs. Assisted users with programming needs, computer operations, and computer mechanics.

COMPUTER CLERK. *National Institute of Standards and Technology (formerly National Bureau of Standards), Gaithersburg, MD*; Winter 1988/1989 and Summer 1988. Worked with ORACLE Relational Database Management System extensively, including query languages, report writers. Modified existing database programs. Converted computer programs to work on a new computer system. Assisted users with programming needs, computer operations, and computer mechanics.

COMPUTER PROGRAMMER, OPERATOR, COMPUTER ROOM ASSISTANT. *Syscon Corporation, Georgetown, Washington, DC*; Summer 1987. Designed and programmed a complete menu system (program and manual) for a new mainframe computer to simplify use by the employees. Assisted users with programming needs, computer operations, and computer mechanics.

AWARDS AND HONORS:

SAIC Award for quality, on-time work, November 1998
The Foundry Players Community Theater Bob Fabik Memorial Outstanding Contribution Award, 1995-1996
The Foundry Players Community Theater Diamond "O" Award for Outstanding Contribution from a new member, 1994-1995
Tutor, University of Maryland Computer Science Tutorial Center; Fall and Spring 1991
RHA Certificate for receiving a 4.0 GPA; The University of Maryland; Fall 1989
Dean's List (GPA 4.00); The University of Maryland; Fall 1989
Admitted to General Honors Program; The University of Maryland; Fall 1987

ACTIVITIES:

The Foundry Players Community Theater, President of the Board of Directors, 1996-1999
DC AidsRide 4 rider, Spring 1999
AidsWalk Coordination Volunteer, 1998, 1997, 1996, 1995
The Foundry Players Community Theater, Treasurer of the Board of Directors, 1995-1996
The Foundry Players Community Theater, Member, 1994-Present (included Set Designer / Construction, Producer, Stage Manager, Backstage Manager, and other positions)
Helped to form and participate as an active member of the NJTC (Not Just Talk Coalition) at the University of Maryland to raise money, food and clothes for the homeless and the hungry

REFERENCES

Available upon request
