

DAVID A. ROSSER 402-393-2283
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Work Summary

Mr. Rosser's years of experience in the computer software arena has included software maintenance, systems analysis, systems design, software development, intelligence systems, communication systems, weather and automated message handling. His strong points are problem solution, teamwork skills and customer orientation.

Education

114 credit hours toward B.S., University of Nebraska at Omaha, Omaha, Nebraska, 1998.

Courses

JavaScript, University of Illinois, March, 2004

HTML, University of Illinois, January, 2004

Topics in Advanced Java, Bellevue University, Bellevue, Nebraska, 1998

Intranetworking Using JAVA, Bellevue University, Bellevue, Nebraska, 1997.

Object-Oriented Programming Using C++ (Learning Tree International), 1997.

C Programming Language, Metropolitan Community College, Omaha, Nebraska, 1995.

UNIX Overview, University of Nebraska at Omaha, Omaha, Nebraska, 1992.

Certificate, Univac FORTRAN School.

Certificate, Top Down Structured Programming.

Certificate, Structured Design (Yourdon).

Security Clearance

Top Secret based upon a Single Scope Background Investigation.

Experience

1982 - Sep 2002

Northrop Grumman Information Technology

2000-2002. Mr. Rosser was assigned as a member of the National Programs Support Team in the Air Force Weather Agency (AFWA). He maintained and developed software to integrate conventional, satellite and meteorological model data that create custom analyses and forecasts, which support operations of the National Command Authority (NCA), National Reconnaissance Office (NRO), and National Imagery and Mapping Agency (NIMA).

1999- 2000. Mr. Rosser was assigned as member of the AFWA Satellite Data Handling System (SDHS) software maintenance team. He participated in analysis, design and coding of System Change Requests. Mr. Rosser assisted in solving problems called into the SDHS 7/24 Alert Cell. Mr. Rosser conducted a study and prepared the corresponding technical report to advise AFWA on data compression technology for use with the National Imagery Transmission Format.

1997-1999. Mr. Rosser was assigned as member of the Communications Support Processor (CSP) software development team. He participated in analysis, design and coding of development Work Plans. Mr. Rosser assisted in resolving problems called into the CSP help desk by CSP operational locations.

1989-1997. Mr. Rosser was assigned as Technical Advisor to the Modular Architecture for Exchange of Intelligence (MAXI) development project. He performed analysis of critical system

functions, troubleshoot difficult software problems, and provided consulting services to the programming staff. Mr. Rosser frequently participated in supporting MAXI installations and accreditations. He installed the first dual (collateral and system high) MAXI at Headquarters, Fifth Air Force, Yokota Air Base, Japan. Mr. Rosser installed MAXI on a PC running Windows NT. The PC was equipped with a PDP-11 based dual processor board that ran the MAXI software.

1986-1989. Mr. Rosser was assigned to the MAXI program staff as a member of the maintenance and installation team. He installed eight MAXI systems at various locations throughout the world including Headquarters, United States Southern Command, Panama, and the National Defense Headquarters (NDHQ), Ottawa, Canada.

1984-1986. Mr. Rosser was assigned as the Joint Special Operations Command (JSOC) project manager for adapting a CSP baseline system to meet JSOC requirements. The project required hardware procurement and software development, as well as hardware and software installation.

1982-1984. Mr. Rosser was assigned as technical consultant to the JSOC project. His activities were directed primarily toward developing an inexpensive off-the-shelf replacement for a CSP user terminal. The software for this new smart terminal was developed in the FORTH programming language. He wrote a FORTH to TI99000 assembly language translator.

1965 - 1982 United States Air Force

1980-1982. Mr. Rosser was the primary continuity consultant/analyst on the Air Force Global Weather Central (AFGWC) Real Time Operating System (RTOS). He designed and developed numerous software enhancements and supported major AFGWC systems including Digital Information Display support to North American Aerospace Defense Command/Aerospace Defense Command (NORAD/ADCOM) and the Strategic Air Command (SAC) Mission Support Package System. As a member of the Satellite Data Handling System (SDHS) team, Mr. Rosser designed and developed the interface to the \$46 million Harris Corporation SDHS via RTOS and its external communications system. This interface also marked the first inclusion of American Standard Code for Information Interchange (ASCII) based Fortran 77 routines into RTOS. In 1982, Mr. Rosser designed and developed a major change to the Optimized Military Flight Plan (OMCFP)-RTOS interface software so that the subsystem could be moved to the primary operational system necessary to achieve savings for the Military Airlift Command (MAC).

1978-1980. Mr. Rosser was responsible for a major Automated Weather Network (AWN) software conversion. The AWN sites at Fuchu Air Station, Japan, and Clark Air Base, Philippines, were consolidated at Hickam Air Force Base, Hawaii

1974-1978. Mr. Rosser designed and developed a testing simulator for application packages at AFGWC. He also designed and developed several application packages.

1965-1974. Mr. Rosser worked as a weather communications programmer at several Air Force AWN sites.

Hardware DEC Alpha, Sun Sparc, PC, Macintosh

Operating Systems WindowsNT/2000, UNIX, MacOS X

Languages FORTRAN, FORTH, C, HTML, JAVA, JavaScript