

Robert H. Neben
Curriculum Vitae

Education:

B.A. Economics, William Penn College, Oskaloosa IA

M.A. Management, University of Northern Colorado, Greeley CO

Completed National Security Management, Air Command and Staff College, and Squadron Officer School. Completed System 100 Introduction to Acquisition Management and System 200 Acquisition Planning and Analysis. I was a test monitor for System 100 and an AFIT Adjunct Professor teaching System 200. Also a Private Pilot and hold an Amateur Extra Class radio license.

Summary of experience:

Over twenty years experience in logistics management, software, information technology, and system engineering. Particular areas of expertise includes: networks, acquisition, logistics, maintenance, management information systems, systems analysis, electronics, automatic testing, configuration management, independent verification and validation, and teaching.

Experience:

Senior Network Analyst, Multimax Corporation, Dayton, OH, Mar 99 – Jul 07. Designed, planned, integrated, and implemented both internal and external WPAFB communications networks. Planned, organized, and installed 13.9 terabyte WPAFB Storage Area Network, Centralized Network Control Center and other facilities. Also initiated several major procurements for the 88th Comm Group. Gathered requirements, contacted vendors, and developed bill of materials for procurement efforts on CNCC initiatives, Firewall security upgrades, and Metropolitan Area Network design.

Senior Systems Engineer, Science Applications International Corporation (SAIC), Dayton, OH, Aug 95 – Mar 99. Provided MSG/EN with engineering, technical, and analytical expertise for the Education/Training Management System (ETMS). ETMS is a training management information system used throughout AFMC. I previously supervised the Site Survey Department of the Material Management System (MMS) being developed by the Joint Logistics Systems Center (JLSC), Wright Patterson AFB, OH. I integrated, coordinated, and conducted site surveys, I validated and analyzed the data collected, and I enabled data sharing among the system program managers.

Source Selection Chief, Air Force Center for Environmental Excellence, Brooks AFB, TX, Jan 94 - Jun 95. Lead the team that initiated, revised, and coordinated all required actions necessary to produce the \$50M GSE&I Request For Proposal (RFP), Source Selection Plan, Acquisition Plan, and the Surveillance Plan. I also headed the acquisition efforts on writing the environmental sample problem, selecting appropriate computer equipment, releasing a digital RFP, and evaluating the offeror's proposals. Award was made in June 95.

Senior Systems Engineer, Maxima Corporation, Dayton, OH, Apr 91 - Dec 93. Provided software system analysis and engineering supervision to the Computer-aided Acquisition and Logistic Support (CALS) Digital Standards Office (CDSO) supporting the CALS standards development process. The CDSO manages the development, preparation, maintenance, revision, and publication of all CALS digital standards, specifications, and handbooks. This includes interchange standards and format specifications for text, raster, Computer Graphics Metafile (CGM), and Initial Graphics Exchange System (IGES) data. The standards development and maintenance support require extensive contact with numerous industry CALS task groups concerning the latest technical capabilities in engineering and technical data storage, retrieval,

and transfer. The proposed revisions to the CALS standards are analyzed and procedures are established for data transfer standards testing.

Senior Engineer, SofTech Corporation, Dayton, OH, Aug 82 - Mar 91. Provided Modular Automatic Test Equipment (MATE) software applications engineering to the MATE program office. Identified effectiveness of current applications of the MATE process in industry and at the Air Logistic Centers, and identified trends in system architectures and technologies to determine the appropriate future direction of the MATE program. Also provided independent verification and validation, engineering and maintenance support to the Naval Avionics Center for their Portable Electronic Threat Simulator (PORTS) system. The PORTS system provided Electronic Warfare operator training by a multisignal, multibearing scenario with associated audio recognition for each emitter. Also conducted validations of the JOVIAL and Ada computer compilers for the Language Control Facility (LCF) at WPAFB OH and taught government and contractor personnel in the use of these languages.

Engineer II, Logicon Corporation, Dayton, OH, Mar 79 - Jul 82. Authored pertinent computer operations and maintenance specifications, plans, and procedures for the F-16 System Program Office (SPO). These control and guide the use and maintenance of the F-16 operational computer resources and the computer resources embedded in maintenance support equipment. Reviewed, analyzed and made recommendations concerning the F-16 Avionics Equipment Bay (AEB) that support the Avionics Integrated Support Facility (AISF). Performed system requirements and design evaluations on hardware, software, and interfaces including Integrated Logistics Support (ILS) analysis and Optimum Repair Level Analysis (ORLA).

U.S. Air Force Reserve: (Colonel)

Senior Individual Mobilization Augmentee, Technology and Industrial Support Directorate, Oklahoma City Air Logistics Center, Tinker AFB, OK, Dec 93 – Apr 97. Responsible for all military personnel assigned to the Directorate under wartime conditions. Provided the Directorate with direction and insight on plans and programs. I performed executive functions in direction and evaluation of various activities of the Directorate. I give direction to the Division Chiefs in accomplishing the objectives of the Directorate of providing technology insertion, engineering applications, industrial support, data handling, and technical order distribution.

Chief of the Reserve Projects Staff, ASC Reserve Program, WPAFB, OH, Sep 79 - Nov 93. Responsible for the quantity and quality of projects generated in support of the active force and completed by over 350 Reservists. I formulate Reserve plans and policies. I coordinate, direct, and monitor the activities performed by the Reservists. I supervise three staff members performing analysis of project efforts; I assign duties, I provide guidance, I monitor progress of project efforts; I prepare officer performance reports, awards, and provide career counseling. I generate specific plans to mobilize Reservists for ASC or theater requirements. I prepare course material for System 200 Acquisition Planning and Analysis as an AFIT Adjunct Professor. I incorporate Total Quality Management into the projects value added process to collect valuable metrics data to streamline reporting to HQ AFMC.

U.S. Air Force:

Chief of Production Control Branch, HQ SAC/ADIL Offutt AFB, NE, Jul 77 - Feb 79. Supervised and directed the officers and airmen operating an IBM 360/85, Xynetics Automated Plotting System, Computer Output Microfiche, and Adage GS/330 Graphic Computer System.

Chief of the Impact Section, HQ SAC/ADOW, Offutt AFB, NE, Jun 75 - Jun 77. Supervised systems analysts/computer programmers who developed and maintained programs for the Command Center Processing and Display System. This system provided early warning of nuclear and non-nuclear ballistic missile and aircraft attacks to SAC, NORAD, and the National and Alternate Military Command Centers.

Missile Staff Officer, 44 Strategic Missile Wing, Ellsworth AFB, SD, Feb 71 - May 75. Taught code handling procedures to 400 operations and maintenance personnel and operated Code Inserter Verifier computer to prepare code material to posture 150 Minuteman missiles.

Instructor Missile Combat Crew Commander, 741 Strategic Missile Squadron, Minot AFB, ND, Apr 67 - Jan 71. Taught Minuteman Emergency War Order and crew procedures to launch crews. Commanded the crew that launched the first operational missile from the Western Test Range.

Security clearance: Top Secret with SBI, EWO, SIOP, and SA/SIO access.

Part time work: Adjunct Professor, Sinclair College, Dayton, OH, Sep 79 - Aug 88. Designed and taught classes in Management, Economics, and Business.

Adjunct Professor, University of Dayton, Dayton, OH, Sep 88 - present. Designed and teaching graduate and undergraduate classes in Statistics in the Decision Sciences Department.