

Sidney R. Jackson  
SSN: 419-62-1626  
196 Blackwater Drive  
Harvest, Alabama 35749  
Home: (256) 721-0609  
Fax: (256) 430-3216  
[sjack383@email4u.com](mailto:sjack383@email4u.com)

---

**Objective** A challenging position, utilizing my technical and managerial training and skills and providing an opportunity to advance. Also, to enhance the knowledge of others to be well verse in computer function and capabilities.

**Education** Master of Business Administration (MBA)  
May 1999, Alabama A&M University, Normal AL.

Bachelor of Technical Studies, Computer Data Communication and Distributed Processing, Major.  
Graduated July 1996, "Magna Cum Laude", Alabama A&M University, Normal, AL.  
Major GPA: 4.00; Overall GPA: 3.9.  
President's Award, Fall 1994; National Dean's List, 1994-95 and 1995-96; Dean's List, Fall 1994-Summer 1996; Honor Roll, Fall 1994 through Summer 1996.

Air Force courses in Motor Vehicle Maintenance Management,  
Civilian Personnel Management, Automotive AC electrical system, Automotive Maintenance, and Air Force Management.

Western Auto store manager training, Auto Management school; Master Tire Specialist, Master Parts Specialist training; Hunter Engineering Alignment Sales training seminar.

**Summary** Over 30 years experience in all aspects of management. Proficient in the following computer operating systems and applications software: MS DOS, Macintosh, UNIX, Microsoft Windows 3.1, 95, 98, NT and XP, Works, Word, Excel, Access, PowerPoint, Office, Quicken, WordPerfect, D-base, Oracle database management system, ISDN, Frame Relays, TCP/IP, Novell-NetWare 4.1, and many others. Also knowledgeable of HTML, DHTML, Java, SQL, Pascal, C/C++, FORTRAN, ADA and Basic languages. Supervised personnel in all types of repair activities. Extensive hand-on experience in customer service, quality assurance, personnel management, systems management, training development, problem solving, decision making, financial management, and computer technology. Have a secret security clearance.

**Employment History**

3/2004- 4/2011 **Principal Programmer/Analyst II, Teledyne Brown, Huntsville, Alabama**

I functioned as Technical Lead for the Configuration/Data Management Program, Hardware Test and Verification and Site Deployment and served as Functional Lead for the company's employees within the ET Product Test Branch. Supervises four Branch personnel in the performance of their technical duties, to include data collection, transferring and storage of test data associate with test runs prior to, during and after test, developing test procedures to verify compliance of ET software and hardware, and the writing, reviewing and releasing for technical use technical documents for accuracy and completeness. Performed extensive coordination with other program teams & customer to insure time and cost trade offs were fitting. Presented, documented & maintained the different products within the CM process, necessary for the Branch to function as outlined by Ground-base Midcourse Defense (GMD) system. Prepared and presented technical briefings to the Engineering Review Board (ERB) and the CCB to justify and defend the Branch decisions. Scheduled and organized Branch reviews in a timely manner to meet the expectations of the customers to insure the Branch meets the stringent

schedule imposed by the system. In addition, I am responsible to provide functional guidance, direction and leadership for four of the company's individuals to assist them in making significant and key career choices. In an attempt to enhance my career along a definite career progression within the company and keep abreast of current technological developments in software/hardware development and maintain the expertise in the field, I have taken advantage of numerous professional development courses, attended, participated, developed and conducted briefings and lectures. Learning to assist in the planning for future business including the identification and analysis of new programs and subsequent preparation of proposals for the company, I completed the "Business Development Program for TBE—Technical Staff and Line Managers" course and "Capturing the federal Opportunity" an Advance Business Development Workshop conducted by Advantage Consulting, Inc. In the technical area to stay current in the software capability procedures, I completed the "Introduction to Capability Maturity Model Integration (CMMI)" conducted by Carnegie Mellon Software Engineering Institute. In addition, I have completed "Peer Review", "Introduction to Basic Measures Set of Quantitative Methods", "Software Configuration Management", "Viewing, Editing and Managing GMD Requirements and Data with DOORS (Dynamic Object Oriented Requirements System)" and "Restricted Data Classifiers" course conducted by Boeing Training. Continuing with my technical education and training, I received 4 IACET Continuing Education units from IBM completing the AIX 5L Basics course and the MATLAB Fundamentals from The MathWorks Training Services. Both courses assist greatly my understanding Unix Operating System and MATLAB analysis tool I used extensively in analyzing data collected during our FQT operation using mathematical techniques to chart, plot and graph data to complete the analysis. Further, assisted in the professional development of other personnel by organizing and participating in lectures and short courses such as, I conducted training sessions for ET Product Test personnel in "ClearCase" and Post Processing System (PPS), ET post processing tool utilized to perform the analysis on the data collect. Also, I am an active participate in the TBE 'Defense Program Forum" that are conducted regularly to guide individuals in their career path. As Configuration/Data Manager, I developed and defined the process and the procedures for the overall Configuration Management (CM) and Data Management Program within the ET Product Test Branch. I analyzed the previous process and designed a CM process to improve the capabilities to decentralize the ET Product Test Branch's CM process, which gives the Branch total control of its products. I created a document database to develop and optimize project planning and control techniques for document scheduling under various constraints. With the new database, documents are tracked daily through each step of the CM process. Each step is automatically color coded daily as to its time table to be completed. The process ensures easy identification of over-due steps or those steps coming due soon. Since the creation of the database, ET Product Test Branch has released 14 documents in Ematrix, three were release early and none were late. Also, I supervised the collection, transfer and storage of hundreds of gigabytes of ET Final Qualification Testing (FQT) and other Branch's data. I conferred with customer representatives in order to give proper consideration to GMD requirement and program policies. I worked diligently with the T&E Test Execution Resources and Test Evaluation groups, representing ET, supported the GMD users with the necessary Data Items Descriptions (DID) to perform their Missions. I supplied updates to the ET DIDs for PMT13C, IGT-2 (for analysis) and supplied DIDs and Data Requests for SICO-6A/6B, IGT3/4/5 and PMT14. For these efforts, I was recognized with certificates of appreciation from the GMD Program Directors, the Boeing Managers and the TBE team. As the TBE Functional Lead for the ET Product Branch, I worked closely with the Boeing Management to ensure TBE and TBE personnel accomplishment are justly recognized and properly awarded. To appropriately analyze and define the TBE team and personnel accomplishments, I developed and created an approach to quantitatively account for all tasks and award points according to when on the time line they were completed. Since the creation of this tool, it has eliminated any ambiguous justification in the award given. This tool/approach is well received by Boeing and TBE management, which the TBE management has suggested other TBE leads adopt tool or the approach in their program.

7/2003- 3/2004

**Personnel Management Specialist, Redstone Arsenal, AL.**

Serves as both a classification and staffing specialist. As Position Classification Specialist in the Civilian Personnel Operations Center (CPOC), provides technical advice to personnel in the Civilian Personnel Advisory Centers (CPAC), and performs position management and classification work for assigned organizations. Assignments include highly complex and unstable organizations involving a wide variety of positions and personnel actions which are often sensitive and extremely difficult in

nature. Independently resolves difficult issues and problems requiring consideration of the total human resource management program. Applies a comprehensive knowledge of position management and classification to assist installation/activity managers in accomplishing their position management responsibilities. Serves as a technical expert on classification matters to advise CPAC personnelists on program requirements and practices. Supported organizations typically include extremely complex position and organizational structures with closely aligned responsibilities. There are a substantial number of complex positions involving research and development work, high level managerial work, and jobs affected by new or emerging technology. Also, serves as a staffing specialist for internal recruitment and placement programs of the Civilian Personnel Operations Center (CPOC).

4/97-02/03

**Software System Engineer, Lockheed Martin Missiles and Space, Huntsville, AL**

Researches, designs, and develops computer software systems, in conjunction hardware product development for the Army's Theater High Altitude Area Defense (THAAD), Battle Management Command, Control, Communication, and Intelligence (BM/C<sup>3</sup>I) system. Applies principles and techniques of computer science, engineering, and mathematical analysis. Analyzes software requirements to determine feasibility of design. Formulates and designs software system using scientific analysis, mathematical models and various software tools such as; Cayenne ObjectTeam for Object Modeling Technique (OMT), Rational-Apex Ada 95/83 for Requirement Management Technique (RMT) and TeleUSE User Interface Management System for Graphic User Interface (GUI). Develops, and directs software system testing procedures, programming and documentation to insure the proper consequences of design.

8/99-Present

**Instructor, Alabama A&M University, Normal, AL**

Provides the student the computer concepts and training to use the microcomputers in business activities and operations. Discusses methods for developing microcomputer systems through the installation and adaptation of off-the-shelf purchase of hardware and software. Provides a through knowledge base for microcomputer applications software, such as Word Processing, Database Management Systems, Electronic Spreadsheet and integrated software packages. Uses several window programs in performing different operations in the course. Incorporates Internet and network activities into several assignments.

8/96-4/97

**Graduate Assistant, MBA Computer Lab Assistant, Alabama A&M University, Normal, AL**

Built and maintained the computers and computer labs, including setting up LAN and WAN using various servers and operating systems as UNIX, MS-DOS, Novell-NetWare Client, MS Windows for Work Group, 3.X, 95 and others. Assisted Students and Instructors in solving day to day computer problems. Assisted students and faculty in their computer needs, such as creating their home page using the appropriate browser.

6/96-8/96

**Communication Research Assistant, Student Intern, Huntsville Hospital, 101 Sivley Rd. Huntsville, AL.**

Documented all of Bell South circuits to all Huntsville Hospital System buildings and eliminated unneeded circuits. Worked extensively with ISDN, PBX, ESSEX and many other communication circuits. Used Access database to create and maintain records, forms and other needed documents. Worked cooperatively with Bell South liaison and the Information Services Huntsville Hospital System customers. Saved the Huntsville Hospital System over \$2000 per month in telephone service.

1/95-6/96

**Tutor, Alabama A&M University, Normal, AL**

Tutored undergraduate students in computer science, basic mathematics, all levels of algebra and trigonometry, and Calculus I & II. Assisted students in basic electronic lab experiments using various tools and test equipment.

8/90-5/94

**Store Manager, Western Auto Supply Company, Huntsville, AL**

Responsible for company, regional, and store goals and objectives. Achieved net profit income of \$40,000+ weekly. Supervised ASE mechanics. Most profitable store in North Alabama area.

3/83-6/90

**Non-Commissioned Officer, United States Air Force**

In various capacities listed below, managed extensive fleets of motor vehicles, both general and special purpose; managed/supervised /planned work assignments for personnel contingencies of up to 119 people; monitored and controlled budgets in excess of \$1.5 million.

8/87-6/90

**Vehicle Maintenance Manager, 857th Transportation Squadron, Minot, ND**

Improved efficiency and production, reducing cost per mile from \$.45 to \$.37; increased direct labor production to 55%. Modified and implemented new automated system for information control of vehicle activity.

6/86-8/87

**Vehicle Maintenance Superintendent, 2nd Transportation Squadron, Barksdale, LA**

Planned and developed policy and procedures to improve maintenance activity; selected to rewrite junior management exams. Developed functional organizational structure, determined personnel requirements analyzed maintenance reports, improve personnel training.

**Military Awards**

Best Senior Non-Commissioned Officer in Transportation for Strategic Air Command, 1985  
Best Vehicle Maintenance Branch in 15th Air Force, 1987  
Best Senior Non-Commissioned Officer, Anderson AFB, 15th Air Force  
Air Force Outstanding Unit Award with Valor Device Meritorious Service Medal, Air Force Commendation Medal, Air Force Good Conduct

References upon request