

M. TECHNICAL MANAGEMENT

Home: 555-555-5555 Cell: 555-555-5554

Email: email1@yahoo.com

OBJECTIVE:

To obtain a Test Team Senior Management position with Acme Corporation, providing excellent technical skills and customer-focused on-time delivery skills.

RELEVANT EXPERIENCE:

The Boeing Company, Houston, Texas

Oct 2005 – Present

Lead Stage Engineer

- Serve as project specialist for the Payload Engineering and Integration Team for multiple National Aeronautical & Space Administration (NASA) Space Shuttle Flights, Russian Soyuz/Progress Flights, and European Space Agency (ESA) Automated Transport Vehicle Flights and the International Space Station (ISS)
- Lead the Phase 1 project of Boeing's task to assist NASA in drafting the interface requirements for Commercial Orbital Transportation System vehicle to ISS
- Complete Boeing cost and product proposal to build initial Interface Requirement Document (IRD) for Government Furnished Equipment (GFE) and Contractor Furnished Equipment (CFE) for use in ISS and present proposal to the NASA Vehicle Control Board
- Project lead for Boeing's task to draft NASA's ISS Common IRD for GFE/CFE Hardware
- Manage multiple payloads for integration into ISS and serve as lead for Certification of Flight Readiness
- Act as the main point of contact between NASA Payloads Office and payload developers for ISS resource requirements

The Boeing Company, Houston, Texas

Feb 2001 – Oct 2005

Systems Analyst

- Served as Deputy Group Focal for Payload & EXPRESS Engineering Team, in charge of day to day operation activities for 20 Engineers located in Houston, TX and Huntsville, AL
- Served as Focal for Command & Data Handling (C&DH) and Communications and Tracking Subsystem Teams
- Served as lead systems expert during Columbus Integrated Testing in Germany for NASA payloads integration with the European module
- Provided test team requirements and pass/fail criteria of C&DH resources. Troubleshot anomalies and provided recommendation to test team
- Conducted technical interchange meetings with International Partners (Canadian, Japanese, Russian, and European Space Agencies) to discuss ISS resource requirements
- Analyzed and evaluated verification data submittal, hardware/software interface documents, and safety/risk data packages to ensure compliance with Certification of Flight Readiness. Coordinated Engineering Team Reviews of Payload Design Reviews

Dynacs Engineering Inc., Houston, Texas

Dec 2000 – Feb 2001

Engineer/Scientist

- Developed flight operations software documents to provide flight controllers with information relevant to each computer software configuration release
- Ensured quality of flight operations software documents

M. TECHNICAL MANAGEMENT, Page 2

Barrios Technology, Houston, Texas

Feb 1999 – Dec 2000

Systems Engineer

- Certified as C&DH Flight Controller for NASA's ISS Mission Control Center and supported the MCC Flight Director for commanding of the ISS; managed the ISS on-board Command and Control hardware and data interfaces with international partners
- Served as Lead Systems Expert during Multi-Element Integrated Testing of U.S., Russian, and Italian modules
- Provided test team requirements and pass/fail criteria of C&DH resources. Troubleshot anomalies and provided recommendation to test team. Worked with multiple Space Agencies (Russian, Japanese, Canadian, and European) to complete module resource requirements and C&DH interfaces

United Space Alliance, Houston, Texas

Aug 1997 – Feb 1999

Field Engineer

- Completed two flight controller console certifications for NASA's Space Shuttle Mission Control Center and ensured continued air-to-ground communications with the Space Shuttle and Russian Space Station MIR
- Monitored and controlled the ground links of the Air-to-Ground Voice System in support of the Space Shuttle and the Space Station communications

Universal Weather & Aviation, Inc., Houston, Texas

Jun 1994 - Aug 1997

Senior Flight Controller

- Successfully coordinated Boeing's 777 inaugurated demonstration and sales trip to Saudi Arabia, Dubai, United Arab Emirate and Kuwait in 1997
- Coordinated International trips for major companies, including Saudi Aramco, Shell and Chevron, ensuring flight plans, aircraft handling and aviation fuel were arranged at multiple locations. Created flight plans and ensured flight plans were filed with Air Traffic Control

EDUCATION:

Master of Science in Technical Management, Dec 2012

Embry-Riddle Aeronautical University, Worldwide Campus, Daytona Beach, FL

Bachelor of Science in Aviation Business Administration, Aug 1991

Embry-Riddle Aeronautical University, Prescott Campus, Prescott, AZ

Associate of Science in Electronics Engineering Technology, Aug 1988

Houston Community College, Houston, TX

SPECIAL TRAINING & AWARDS:

- ISS Payload Academy – Jan 2005
- MIL-STD-1553B Training - Test systems, Inc. – Jan 2003
- USA Training Academy Phase 1 & 2 (Space Station/Shuttle) – Feb 1999 & Aug 1997
- SAWRS/Weather Observer Training – Jan 1994
- Space Flight Awareness Team Award – Jun 2002
- NASA JSC Group Achievement Award – Dec 2000 & 2003