

ROBERT SMITH

Lead Electronics Engineer

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To obtain a position where I can maximize my multilayer of management skills, quality assurance, program development, training experience, customer service, and a successful track record in the manufacturing and systems engineering environment.

1995 - 2000

LEAD ELECTRONICS ENGINEER - ABC CORPORATION

- Acted as a contributing engineer for Department of State Overseas Emergency Radio Communications Project.
- Conducted installation site surveys at 10 US embassies OCONUS as the Lead engineer with a Motorola technician.
- Developed system design based on the site survey report.
- Developed site survey plan for future projects Acted as a contributing engineer for High-Speed Fleet Broadcast systems.
- Participated in weekly task review to stakeholders Review contractor deliverables to ensure project objectives were being met.
- Developed training manual and quick-start manual to all personnel Supervised system installation at various sites to ensure approved installation plan was followed by the contractor.
- Performed systems operation verification test (SOVT) after each completed system installation.

1992 - 1995

ELECTRONICS ENGINEER - MITEQ INC

- Responsible for research, design, and development of RF analog and digital circuits and embedded software/firmware systems.
- Analyzed requirements to determine the feasibility of design within time and cost, and overall system constraints.
- Consults with electrical or mechanical engineers and other engineering staff to evaluate interface between hardware and software / firmware, and operational performance requirements of the overall system.
- Developed replacement firmware for new embedded platforms such as TI MSP430, PIC, ARM, and GNU/ AVR to replace obsolete embedded processors.
- Designed embedded system to control various RF modules such as attenuators and synthesizers.
- As a member of engineering team, developed aircraft radar system based on RF analog and digital circuits including MCUs and Xilinx FPGAs using ISE Design Suite.
- As a team member, gained valuable hands-on experience by undertaking

electronic sub-system problem investigations and developing new products throughout design process and methodology..

EDUCATION

MBA in Operations and Technology Management - (Webster University)

SKILLS

Linux/Ubuntu line commands, C. C++, x86 assembly code, analog/digital circuit design, various CAD software, pSpice, LabView.