

[0038 "Electrical Engineer 2"]

JACK JEFFERSON
123 Any Street
Any City, State 55555

(213) 555-1234
Cellular/Messages: (213) 777-5678
e-mail: JackJefferson@earthlink.net

An electrical engineer with extensive design and test experience in the electro-optical and medical devices industries.

- Developed an infrared sensor subsystem for a scene chamber that resulted in an Achievement Award for delivering two months ahead of schedule and achieving \$150,000 under budget.
- Completed a proposal for an analog signal processor subsystem in an infrared sensor payload, and supervised the development of prototype demonstration hardware that resulted in a contract award.
- Designed medical ultrasound transducer test hardware and C software that reduced production test time by 50%.

A highly organized and detail-oriented professional who seeks a design or test engineering challenge.

EXPERIENCE

Prince Medical Systems, Warwick, Rhode Island 1995-Present

Staff Engineer (2003-Present)

- Created inspection and test procedures for OEM medical ultrasound transducers, reducing the backlog from four weeks to two days.
- Reduced the number of discrepant OEM transducers by 25% through a procedure review.
- Revised transducer manufacturing procedures that led to a successful FDA GMP inspection.

Senior Engineer (1995-2003)

- Implemented test process validations required for compliance to FDA GMP regulations.
- Created rework procedures for production transducer test failures, improving yields by 5%.

Lucky Aircraft Company, Hartford, Connecticut 1988-1995

Staff Engineer (1995)

- Designed an HP9836 computer-controlled test station and Basic software, which led to the optimization of prototype infrared sensor performance.

Technical Supervisor (1992-1994)

- Designed an HP310 computer-controlled production test station for redesigned analog signal processing units in air launched missiles.
- Participated in customer design reviews, improving contractor communications.
- Supervised five design engineers during circuit redesign and the proof-of-design phase, resulting in customer acceptance.

Member of Technical Staff (1990-1992)

- Designed a manual bench tester to evaluate the prototype guidance electronic module performance.
- Performed ISPICE simulations to predict the radiation effects on an analog sample and hold amplifier circuit design, which led to a radiation hardened design.

Scholarship Student Engineer (1988-1990)

- Designed a digital interface between a microprocessor-based test system and a missile guidance system.
- Developed self-test and diagnostic assembly software for a prototype microprocessor controlled bubble memory subsystem in a missile launch control computer.

EDUCATION

University of Connecticut, Storrs, Connecticut

[0038 "Electrical Engineer 2"]

Bachelor of Science, Electrical Engineering