

Greetings,

I am an electrical engineer, seeking new employment.

I'm a process engineer with over ten years experience in Texas Instruments wafer fabs.

I developed several new manufacturing processes and improved many others. I'm proficient in all popular manufacturing control schemes including orthogonal design, SPC, 5S, Lean, JIT, and Six Sigma. I've also designed and implemented process automation programs.

I have supervised technical groups and I've led cross-functional teams. I have coordinated multi-million dollar equipment purchase programs and I've led supplier negotiations.

Work at TI created in me an appreciation for honesty and integrity. Precision, accuracy, and repeatability are keys to creating a successful product. Good documentation and dependable communication are vital for successful manufacturing. I understand and enjoy all aspects of data acquisition, analysis, and feedback. I excel in all areas of process design and control and I thrive in technical manufacturing environments.

I am a process engineer – in all that I do. I hope we can talk about my experience and how my particular skills can be best applied to your projects.

Thank you for your time and your consideration. I look forward to hearing from you.

Very Best Regards,
Harold Shuck

HAROLD SHUCK

www.shuck.net

344 Scenic Drive • Highland Village, TX 75077 • harold@shuck.net • (214) 729-5400

process control • quality assurance • technical communication • job-specific training

Core Competencies

- process design and management
- environmental compliance
- technical writing
- multi-team collaboration
- project management
- web design and support
- defect reduction
- yield enhancement
- failure analysis

EXPERIENCE:

TEXAS INSTRUMENTS

1989-2009

Semiconductor Process Engineer:

1989-1999

- championed multi-department ISO certification team
- responsible for identifying and evaluating new processes
- equipment and supplier negotiations for multiple TI fabs
- coordinated resistor and fuse process development for a specific device
- coordinated the design and implementation of process automation systems
- led multi-discipline failure analysis team and defect reduction teams
- created a cleanup process that was published and fanned out to other TI fabs
- evaluated, selected, and installed latest background processing equipment
- worked closely with subcontractors and assembly sites to resolve failures
- taught many classes for operators and engineering technicians

Technical Information Specialist:

2000-2009

- independent contractor to Texas Instruments
- technical specification writing for catalog parts
- wrote application notes for customer utilization
- technical writing and editing, engineering manuals and training material
- publishing and maintaining technical documents on internal and extranet web pages
- graphical design for flow charts and web navigation
- fluent in Windows and Unix environments

EDUCATION:

SOUTHERN METHODIST UNIVERSITY, Dallas, Texas
BSEE, August 1989

I'm a single empty-nester with no distractions and I'm ready to go to work for you.