

EMPLOYMENT EXPERIENCE

Samsung Austin Semiconductor

Process Engineer

Austin, Texas
April 2015 – Present

- Utilize LEAN Manufacturing principles meet customer demand with quality IC processors and exceptional on-time delivery
- Performed research for improving processes with CMP materials
- Created and modified SOPs for engineering and technician use
- Work with other engineering, production and support teams to maintain high volume production for top IC processors and memory chip fabrication
- Strong process analyst skills in programming (SQL, Python, VBA) and statistical analysis (JMP, Minitab) to analyze data for metric tracking and meeting department goals
- Qualified new material and equipment through design of experiment and testing
- Led a team of technicians by assisting with SPC analysis and OCAP procedures

Flextronics Inc

Test Engineer

Austin, Texas
July 2013 – April 2015

- Worked with manufacturing team to carry out wireless antenna testing for Apple's Mac Pro
- Assisted with analyzing and improving test yields in manufacturing environment
- Determined root causes and repaired faulty anechoic chambers used for antenna testing
- Conducted process failure mode analysis for Apple's new MacPro development

Intertek

Project Engineer

Plano, Texas
Aug 2012 – Dec 2012

- Performed safety testing of brand-name HVAC systems to UL Standards.
- Prepared and submitted safety reviews to clients
- Maintained regular correspondence with clients on the status of their projects.
- Helped train newly hired engineering staff on testing procedures and report guidelines.

Kruvand Associates Inc.

Field Sales Engineer

Richardson, Texas
Aug 2011 – Aug 2012

- Represented over 30 electromechanical manufacturer's in Oklahoma and Arkansas
- Solved problems for engineers by offering them competitive solutions for their needs with knowledge of over 1,000 electromechanical products
- Covered the entire two-state region of Oklahoma and Arkansas for 30 electronic manufacturers and 40 different electronic distribution centers

EDUCATION

The University of Texas at Tyler

Bachelor of Science in Electrical Engineering

Tyler, Texas
May 2011

SUMMARY OF QUALIFICATIONS

- Web Development Certification from the McCombs School of Business (University of Texas at Austin)
- Computer skills: HTML, CSS, Javascript (jQuery), Bootstrap, SQL, MATLAB.
- Ability to plan and implement research methodology and procedures to apply principles of electrical and electronic (especially analog and digital circuit design) theory to engineering projects.
- Bronze Manufacturing Certification (similar to Six Sigma certification)