

KYLE McCANN

816-724-7310

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Highly motivated employee with an unquenchable thirst for new skills, knowledge, and information. I am religiously punctual, remarkably adaptive to new environments, and unsatisfied with anything less than quality work.

EXPERIENCE

MARCH 2011 – AUGUST 2016

QUALITY ENGINEER, B/E AEROSPACE

- Determined quality improvement parameters by identifying statistical methods relevant to manufacturing processes.
- Established statistical confidence by identifying sample size and acceptable error; determining levels of confidence.
- Established statistical reliability by using mean time before failure.
- Developed experiments to diagnose or recreate failure events.
- Developed sampling plans to randomly test certain products and parameters.
- Analyzed data by completing hypothesis, normal distribution, and process capability tests.
- Prepared reports by collecting, analyzing, and summarizing data; making recommendations for quality improvement.
- Maintains professional and technical knowledge by attending educational workshops and obtaining several teaching and instructional certifications.
- Contributed to team effort by accomplishing related results as needed.
- Performed Maintenance/diagnostics on all lab and manufacturing equipment.

JANUARY 2017 – OCTOBER 2018

LEAD DESIGN ENGINEER, ARCDECOR FABRICATIONS

- Used specialized software (autocad) to create models and drawings of products.
- Researched new materials and methods of development. Synthetic, Metallic, Wood, etc.
- Organized and maintained existing engineering records for future reference.
- Constructed prototypes and confirmed designs with assembly team.
- Performed physical testing and repair on engineering prototypes.
- Ensured components and assemblies adhered to customer and business standards.
- Performed all necessary maintenance on assembly equipment including: Hydraulic presses, table saws, CNC machines, etc.

DECEMBER 2018-JULY 2020

OWNER/OPERATOR, K-MAC INDUSTRIES

- Took on the role of quality, design, maintenance, and electrical engineer.
- Created and designed extremely specialized products including tools, sound systems, vehicle modifications, and general mechanical/electrical modifications and repairs.

AUGUST 2020-PRESENT

MOTOR TECHNICIAN, R&S MOTORS

- Tasked with accepting, testing, diagnosing, and repairing industrial electric motors.
- Testing involved high voltage, dielectric, and mechanical tests to verify functionality or lack thereof in all aspects of incoming motors.
- Repair of motors required lengthy electrical and mechanical knowledge.

EDUCATION

2010

ELECTRICAL ENGINEERING, UNIVERSITY OF ALABAMA

2011,2012,2013,2014,2015

**IPC CERTIFIED SOLDERING INSTRUCTOR, WITH NASA SPACE SOLDERING
ADDENDUM, BLACKFOX INSTITUTE**