

Saber Dean

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Education

Red Rocks Community College – Major Physics, GPA 3.2

NASA Community College Scholar Graduate (NCAS2017)

I am a hard-reliable hard worker who has had a lifelong dream to work on complex technical tasks and have had the blessing of getting to do just that. I have always been gifted at learning new things, working well on a team or independently and being a go-getter. I have pursued my own passions regardless of the odds and will bring that attitude with me to any company I transition into. I can work OT whenever necessary and I never back down from a challenge or learning opportunity. I will prove to add value in whatever way possible to any team I am on.

Valuable Skills

- IPC-A-610, J-STD-001 w/ Space, IPC/WHMA-A-620
- Quality Lab Specialist
- HTML, CSS, JavaScript, jQuery, Bootstrap, Java, Python - proficient
- Complex Problem Solving / Failure Analysis
- Quick Learner / Adaptable / Reliable
- AS9100/ISO9100, AS9145 & AS9102, as well as many other industry standards, Daily Use
- Presenter/Trainer/Creator for complex processes or/and industry standards
- Aerospace & Manufacturing Industry Standards Expert
- Mechanical Aptitude
- Professional Customer Service
- Microsoft Suite (excel, office, project, power point, etc.)
- Technical Writing
- Program / Project Management
- Audit Specialist
- Troubleshooting via diagram / Engineering Control Document
- GD&T and Print Reading Expert
- Daily use of Quality Control Equipment (Calipers, Micrometers, Durometer, etc)
- Production Control / Quality Planning

Community Service

- Relay for Life – 2006 – 2009
 - (Fundraising, community walk for cancer awareness)
- Race for a Cure – 2009 - 2019
 - (Fundraising, community walk for breast cancer awareness)
- Fish Food Bank – 2012 – 2017
 - (Organizing, Labor)

Employment History

Ball Aerospace & Technologies – In-Process Quality Inspector – 02/2018 – Present

- Daily use of IPC certifications J-STD-001, IPC-A-610, & IPC/WHMA-A-620 to inspect Space, Flight, Communication and Video Hardware. Inspections performed in Cleanrooms, ESD areas, manufacturing floors, and special process work centers.
- Read and interpret engineering drawings daily, using GD&T and picking out the important information for inspection.
- Navigate industry, DOD, military electronic and flight hardware specifications daily to set inspection criteria.
- Expert in inspection of special process, including but not limited to, Autoclave, Etch, Flash Cut, Adhesives, Paint, Polymerics, ESS testing, Destructive and Non-destructive testing. Daily use.
- Customer Specialist, run weekly Audits and Source Inspections on my various programs, ranging from Space, Flight, Communication and Video Hardware. These Audits include ISO/AS Audits, Escorting DCMA through a program, and developing MIPs for customer inspectors. I am the Primary Inspector on over 25 separate programs, from space bound hardware, in-atmosphere flight, and communications equipment.
- Very familiar with many AS/ISO standards, including but not limited to ISO9100:2015, AS9100, AS9102, AS9145
- An expert in AS9102, having conducted and created 1000's of First Article Inspection Reports. I regularly am sent as a Ball source inspector to other facilities to source their FAIs. As well as developed the training curriculum for other inspectors/ quality engineers at Ball Aerospace to follow for an "Industry Best Practice" First Article. I have taught and mentored over 30 separate inspectors and engineers in the AS9102 process.
- Leader, Trainer, Follower, Learner. I am very adaptable and am willing to do whatever it takes to add value and make the team succeed. I regularly am assigned to projects/programs that are falling behind to take extreme ownership of these programs completing them successfully by given deadlines regardless of however behind they are. I have never missed a deadline.
- Mentor new inspectors at Ball Aerospace to get them up to speed with whatever programs they may be assigned and Ball processes.
- Familiar with lean manufacturing processes, Six Sigma, the 5S processes, AIAG process control, Aerospace Manufacturing Requirements, Document control, Failure Analysis, PFMEA, Quality Control Plans, Hardware Quality Instructions, Heavy use of SPC Database, and Human Error Management
- Extremely familiar with inspection of PCBs, PCAs, Optical, Video, and other ESD/HSESD Equipment. Hardware and Data review.
- Other Certifications used daily at Ball Aerospace: ESDS, Highly-ESDS, Cleanroom, Vestibules & Clean benches, FOD prevention, Polymerics, Human Error Management, Business Writing, Specialized Equipment Validation, Aerospace Security, Coating Inspection, Overhead Crane & Hoist, Rigging, High Temp Soldering, Hazard Communication Standard, Test Conductor, Laser Safety, Counterfeit EEE Parts Awareness Certification, Silicone Handling

Coors Tek Ceramics – Advanced Material Processing Technician – 10/2017 – 02/2018

- Coors Tek Ceramics was a temporary job I worked at while transitioning from Ron Grob to Ball Aerospace. I used the forklift to move 1-ton super sacs full of raw ceramic. I would then run a mill mixing these different blends together with the correct chemicals then mix and dry the ceramic. At this point I would run different tests on the ceramic such as heat resistance and density tests. This was a very labor-intensive job with mechanical, chemical and quality applications.

Ron Grob Company – Quality Technician – 01/2017 – 10/2017

- Ran the quality lab which involved print reading and heavy GD&T use, Heavy use of optical comparator, bench mics, indicator mics, calipers, gage blocks, deltronic pins, height gages, and other essential quality equipment. As well as preformed all internal calibrations of quality measuring equipment.
- Internal Auditing Specialist as well as solely in charge of all document control (ISO: 9100 compliant)
- Heavy technical writing, turning prints into work instructions for Machinist, as well as modifying engineering documentation for simplicity and writing validation documents.
- Preformed all First Article First Run Inspections
- Trainer for Machinist - GD&T, Geometry, and Trigonometry.

Remedy Staffing – Arc Group Worldwide – Technical Writer/CNC Machine Operator – 04/2015 – 01/2017

- Wrote process plans, work instructions, validation documents, logistical matrixes, for multiple projects involving metal injection and plastic injection molding processes.
- Worked frequently with plastic surgical equipment which involved a lot of industry regulated Medical Validation processes (IQ/OQ/PQ) and auditing of supplier facilities.
- Helped to create processes for newer equipment, using solid works at times to create visual models for operators to go off of. All writings in compliance with NIST/ITAR/ISO.
- Ran and Maintained FANUC CNC Robodrill
- Worked daily in a 5A Clean Room Environment.
- Data entry & analysis into SPC system
- Heavy GD&T use while interpreting Engineering Documents into operator level work instructions.
- Extreme Attention to Detail, from learning machine capabilities to learning special processes, learning and retaining information is a specialty of mine.

United Parcel Service – Package Handler/Plant Engineering Seasonal – 06/2013 – 05/2016

References Available Upon Request