

KYLE RANOUS
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SUMMARY OF QUALIFICATIONS

- Certified LEAN professional; demonstrated process improvement expertise
- Strong computer skills including C++/Python, Computer Vision, 2D/3D CAD
- Automation, Programmable Logic Control, and software programming experience
- Excels in stressful situations

EXPERIENCE

Process and Controls Engineer 2018 - Curr

Sun Mountain Doors, Berthoud, CO

Design new product lines and custom designs for customers. Improve existing / develop new manufacturing processes. Provide direct support to production / maintenance teams for manufacturing and machine issues. Developed/integrated systems to streamline front office processes

- Designed new product line and developed production process in seven weeks from conception to full production
- Implemented systems to automate design/quotation workflow, reducing the average time for a quote from seven to three business days
- Created and established new programming standards which lead to 90% reduction in CNC library programs, 40% increase in CNC cell throughput, and 80% reduction in custom CNC programming

Manufacturing and Process Engineer 2014 - 2017

The Artisan Shop, Loveland, CO

Utilize CAD and MS Office Suite to produce engineering and production packets for custom cabinetry packages ranging in value from \$10K-\$350K. Provide engineering support to design and production teams.

- Led process improvements that resulted in a 53% reduction in engineering processing time and included the creation of standard work and automated processes
- Created simulation and database software to improve real time job tracking from quote to delivery for 2 sites resulting in decreased processing time
- Coordinated daily tasks between sales, production, and delivery teams

Grinding/Thread Rolling Team Leader 2013 - 2014

Ron Grob Company

Led 5 to 8 personnel on 2 shifts in the grinding and thread rolling departments of a high tempo manufacturing job shop.

- Implemented machine maintenance programs to reduce machine downtime

- Helped raise the average efficiency of the grinding and thread rolling departments from mid 80% to over 100%
- Maintained inventory and accountability of all tooling and support items needed to complete work on schedule and on budget.

Shop Hand / Tower Tech

2013

Cornerstone Tower Service

Team member for a tower construction and repair team

- Assembled antenna mounts according to blueprints
- Performed repairs and replacement of cellular equipment mounted on towers from heights of 130 feet – 380 feet

Owner / Operator

2012 - Curr

Trigger Time Industries

Design and manufacture custom firearms and ammunition solutions for law enforcement agencies. Develop tactical training programs for law enforcement

- Designed and built new sniper rifles to cover the unique challenges posed by several Law Enforcement Agencies in Colorado
- Conducted ballistic research to design application specific ammunition
- Developed and manufactured firearm training aids

Sergeant, Infantry

2005 - 2012

U.S. Army

Held numerous positions with various roles and responsibilities including Team Leader, Unit Armorer, Operations Noncommissioned Officer, and Communications Specialist during high-stress, high-tempo training and combat operations.

- Managed the transfer of \$2.5M of sensitive equipment from Afghanistan to the United States with 100% accountability
- Brought equipment readiness from 34% to 96% within 90 days of arriving back in the United States, 60 days earlier than standards
- Led 3 personnel in a battlefield operations center in Afghanistan, provided effective communication between different elements; coordinated battlefield movements, directed combat and medical support during operations
- Developed Communications and Small Arms Training Programs that resulted in over 100 personnel being successfully trained.

EDUCATION

- **Arizona State University**, BSE Electrical Engineering, In Process
- **Front Range Community College** Associates of Science, 2018
President's List (Fall 2016)
- US Army Advanced Leadership Training
- **Lean Certification**, Villanova University, 2015