

# Ryan Fletcher

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I strive to learn my job and ensure that expectations are met and exceeded.

Authorized to work in the US for any employer

## Work Experience

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### **Inspection Technician**

Acertara Acoustic Laboratories - Longmont, CO

April 2022 to Present

- Inspect various brands of ultrasound probe equipment from Siemens, Philips, G&E, etc.
- Look for all types of damage, and wear and tear on each ultrasound probe to determine what repairs need to be assigned.
- Perform Atlas testing, which tests the array of every ultrasound probe to partially determine the condition of the electronics.
- Perform system scanning tests, which means hooking up an ultrasound probe to a compatible system to diagnose potential repairs based off of the image.

### **Additive Manufacturing Technician**

Elementum 3D - Erie, CO

September 2021 to April 2022

- Manufacture various metal powder mixtures for 3D printing performed by EOS and SLM metal 3D printers. Proper PPE is mandatory.
- Work either independently or in a group in creating various mixtures for either internal engineering research or production for highly classified customers with a wide range of different technological needs and uses.
- Jobs performed in powder production vary from mixing by hand for smaller orders and using larger mixing machines for larger orders.
- Operating various metal 3D printing machines, such as EOS M290, M400, and SLM 280.
- Regularly perform various levels of cleaning on these machines as requested, depending on which base powders are used in order to prevent contamination as much as possible.
- Remove builds from printers and take them to post processing, where they are recorded using various methods to test strength, durability, and quality, in order to verify our own products as usable for customers.
- Different blades and modes of band sawing used depending on the material printed.

### **Route Sales Support Driver**

Aramark Uniform Services - Bellingham, WA

December 2020 to April 2021

- Worked in uniform delivery services at Aramark as a route sales support driver
- Safely operate a company step van/ box van in designated area to provide products and service to a variety of customers and clients in the surrounding cities and counties

- Independently manage daily routes to accurately and in a timely fashion deliver ordered products to customers
- Loading product onto vehicle daily as per company policies and assembled loading sheets
- Monitoring customer feedback and promptly reporting and handling customer issues courteously
- Review daily invoices and operate route designated handheld device for complete and accurate daily information, making corrections when necessary
- Separating used products by type at each stop, and labeling for correct processing
- Maneuvering products at a minimum of 25 pounds, loading and unloading from truck without assistance

## **Helper to Leads Running Air Duct Cleaning**

Barron Heating & AC

July 2019 to February 2020

July 2019 - February 2020

- At this HVAC company, began work in the Home Performance and Air Solutions department
- General tasks included: often lifting and moving heavy objects daily, assessing the condition of ductwork within homes, assessing the condition of the furnace, cutting into the furnace for access
- ADC tasks: removing return grills, inspecting the duct work, cutting in an access to the inside of the furnace, removing the blower, hooking up vacuum hoses between truck and furnace, running pressurized airline through the house, using air duct cleaning whips to clean both supply and return air duct systems, back feeding through the supply and return sides of the furnace, reinstalling the blower, patching up the furnace, sealing off all of the return and supply runs, finishing with a duct blast/ pressure test to determine the duct leakage
- Aersoal tasks: blocking each return and supply run with foam blocks, cutting in an access to the inside of the furnace, isolating the return and supply sides of the furnace, hooking up a poly tube to each side of the furnace from the back of the truck, running a pressure detection line to each side of the furnace in order to test the leakage as the Aersoal process happens, inspecting the home until Aersoal process completion, patching up the furnace, finishing with the use of mastic to maintain an efficient floor-to-boot seal

## **Crankshaft Grinder**

LKQ Corporation

July 2016 to July 2019

July 2016 - July 2019

- At this engine remanufacturing company, began work in the crankshaft department
- Performed crankshaft quality control: measured journals, inspected crankshafts, made alterations as necessary for the part to be sent off to the crankshaft grinder
- Received crankshafts after grinding completed for final QC and wash
- Verified that the parts were ground to the correct size, cleaned parts to prevent engine contamination
- Also assigned quality check of roller rockers, and timing cover surfacing on the milling machine
- Operated a swing chuck crankshaft grinder, ground the main journals of crankshafts to ensure a perfect fit inside of the engine block
- This job required precise adjustments within tolerances to center the crankshaft within the machine for an even grind
- This position required the use of a steady rest and an Arnold gauge to acquire the exact sizing for the grinding of the main journals.
- After grinding, used a micrometer to check that everything was to specification

## Education

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### **Some College in business and foreign languages**

Skagit Valley College

September 2015 to June 2016

### **foreign languages and music**

Central Washington University

September 2014 to June 2015

Bellingham High School

September 2010 to June 2014

## Skills

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- Micrometer
- Machining
- Box Truck
- Manufacturing
- Quality inspection