

Stephen P. Beaton
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Artistic & Parametric Designer/Fabricator

Objective

To work with effectively with tools, creativity, and resources into high quality work.

Professional Experience

2019, 10/1 to 2019, 12/13— Rsal precision machining: deburr, load and unload cnc lathe/mill, broaching, measuring via calipers & micrometer, bandsaw to cut stock, reading & verifying prints, counting, fine attention to detail.

2016 to current--Be-On* (personal brand): manual fabrication to digital design using CO2 laser for: fabrication parametric drawings Inlay/overlay(laser engraved and filled ukulele), stencils(mylar), custom mirror/leather/coasters, Custom signage & business cards. also including 3d design & 3d printing & rapid prototyping, woodworking, welding, painting, basic machining on mill & lathe steel & aluminum.

January 2017 to 9/18/19--Loveland CreatorSpace, Facilitator. Job scope includes: laser engraver operation, CAD (Fusion 360), vinyl cutting, 3d printing, wood working, circuits/computer hardware, windows/linux & software use, mig welding.

January 2016 to February 2017--Spring Creek Makers, 3d printer Tech. I ran a cluster consisted of 15 units (taz6's and mini's). I partially did part clean up of models and created a jig to simplify work.

August 2015 to December 2015--Aleph Objects Inc, Cluster Operator, I maintained & printed with 156 3d printers (125 mini's, 30 taz 5, 1 taz 6). This included swapping filament, swapping/rebuilding extruders, swapping beds, cleaning beds, and keeping up with initiating prints/pulling prints.

August 2013 to 2016--BeOn Personal Computer Repair. I ran my mobile Pc and laptop repair & consultation business.

June to July 2015--Worked for RMYC (Rocky Mountain Youth Corps) as a full time trail maintenance crew member in Garfield County.

Personal Achievements IT/TECH

My strongest area of expertise is Windows because I have knowledge of versions 2000 to Windows 10; I can use CMD with some proficiency. I work fast with keyboard macros for windows & chrome. I also have experience with Linux and Bash. Strong experienced with laptop & desktop anatomy and mobo/daughter card installation, chip socket repair, and OS install & image.

Personal Achievements Tradework

2017 Cherub Sculpture Fire & Ice Assembly & Metal fab, with Drew Hsu

Recent Technical Education

At Loveland Creatorspace (16'-19') I have taken the following classes:

~Manual Mill ~Manual Lathe ~Fusion 360 ~Laser engraving ~TIG Welding

I have also learned how to operate a 4'x8'x 6" CNC Router, from the designer of the machine. Most recently I attended a class including: CAM & CNC machining with Tormach (6/2019).

Classes I Taught

I taught the laser engraver class 2 times a month @ Loveland CreatorSpace. I designed the class and the methods for teaching the machine. I have taught this for 2 years

Hobbies

Playing music (Acousticguitar, Piano, Singing), Playing sports (Lacrosse, Volleyball, Soccer), Learning (Science, Physics, Math, and Code), going to Junkyard and Teaching all ages music, science, math, reading, mechanical/technical thinking

References

Drew Shu, Welder & Glass Lampworker (970-213-1420) Email: hsudrew@gmail.com

John Hurdell, Handyman & Woodworker, (303-995-5475) Email: jhurdell@gmail.com

Tim Hall, Sentry Heating and Cooling, (303-948-8808)