

Sam Robbins

Lakewood, CO 80214

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Work Experience

Tool Maker

Relucent Plastics Solutions - Erie, CO

July 2023 to Present

Responsible for evaluating and repairing injection molds using CNC and CMM machines.

CNC Machinist 3

Revved Industries - Denver, CO

September 2022 to June 2023

- Programmed, setup and produced injection and compression molds regularly, along with various parts required by the engineering team
- Responsible for organizing machine schedules to maximize machine usage
- Organized production schedules using lean and just in time manufacturing strategies

CNC Machinist 2

Revved Industries - Denver, CO

May 2021 to September 2022

- Designed and implemented production pallet system for use on a 4th axis trunnion
- Programmed, setup and produced injection and compression molds regularly
- Experience with various materials wood, plastic, carbon fiber, aluminum, steel, tool steel

CNC Machinist 1

Revved Industries - Denver, CO

September 2020 to May 2021

- Operated and setup 3-4 Haas VF and VM series mills producing 200+ parts a week
- Mold finishing and quality control
- Occasionally operated Acer and Bridgeport mills
- Responsible for basic machine maintenance

Assembly Manager

Guerrilla Gravity - Denver, CO

October 2019 to September 2020

- Oversaw the assembly of 20-35 carbon fiber full suspension mountain bikes per week
- Maintained a demo fleet of 40 mountain bikes
- Machined mold sanding and finishing
- Carbon fiber layup, sanding and powder coating

Bike Technician

Campus Cycles - Denver, CO
April 2017 to September 2019

fixed, maintained and repaired bicycles
Service Writer

Bike Builder

Bicycles Plus - Dallas, TX
June 2016 to August 2016

Bike Builder

- Built bikes from the box
- Used problem solving skills

Owner

Sam's "Schlepping" Service - Dallas, TX
June 2014 to August 2015

Started successful business offering landscaping, handyman, organizational help

- Marketed company and grew to 20+ paying clients
Campus Engagement, University of Denver
Alpine Club
- Club at the University of Denver to help students experience the outdoors Skiing, Hiking, Mountain Biking
- Wilderness first aid course
DU Grilling Society
- Weekly tailgates and cookouts at the University of Denver for its students
Intramural Sports
- Broomball
DU Fly Fishing Club

Intern

Cunningham Architects - Dallas, TX
July 2013 to July 2013

Developed skills in Google Sketch-up and AutoCad to assist future employers

- Built 3-D models out of wood, plastic, and paper

Education

BA in Geography in Geographic Information Systems

University of Denver - Denver, CO
June 2019

Skills

- Fusion 360 CAD/CAM (3 years)
- Carbon Composite Finishing (2 years)
- Sketchup

- Mastercam (1 year)
- Sheet metal
- 5S
- Continuous improvement
- Math
- English
- Microsoft Office
- Computer skills
- Communication skills
- Manufacturing
- CNC
- Six Sigma
- GD&T
- Coordinate measuring machine
- Micrometer
- Calipers
- Precision measuring instruments
- Machining
- Windows
- Microsoft Word
- Microsoft Excel
- Writing skills
- Lean manufacturing
- Production planning
- Lean Six Sigma
- Kanban
- CAM programming
- Tooling
- Quality assurance
- Analysis skills
- AutoCAD
- CAD
- Fabrication

Certifications and Licenses

Forklift Certification