

# Ethan Powers

## Toolmaker

Colorado Springs, CO 80918

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## Education

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### **Colorado Mesa University:** Associates in Applied Science and Certificate in Machining

August 2019 - May 2021

Grand Junction, CO

Attended CMU for two years learning machining techniques, manufacturing processes, teamwork skills, math for trades, and writing competency.

### **Moffat County High School:** High School Diploma

August 2014-May 2018

Craig, CO

Attended Moffat County High School for four years to receive a general education.

## Relevant Work Experience

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### **Allegion/Schlage Lock**

September 2021-Current

Colorado Spring, CO

Worked with Allegion for two and a half years as a toolmaker making high tolerance parts. Chosen to be on the Safety Committee to ensure safety regulations were adhered to in the workplace. Contributed to the toolroom by helping others maintain workplace cleanliness.

## Skills

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### **Applicational**

- Manual mill and lathe machining and surface grinding
- CNC mill, lathe and wire EDM machining
- Metrology
- Fusion 360, Solid Works, Inventor, FeatureCAM and MasterCAM
- 2 axis, 3 axis ,and 4 axis experience

### **Time Management**

- Consistently completed work tasks on assigned due date or before.
- Performed 5S ( Sort, Straighten, Shine, Standardize, and Sustain) around the tool room in order to keep a clean work area.

### **Fixturing/Tooling**

- Used and created fixturing on CNC and manual machines to ensure tight tolerances.
- Often created custom tooling for jobs in the plant.

### **Assisting Process Development**

- Brainstormed with engineers to make things efficient and improve part quality on a daily basis.
- Discussed interferences with team in a professional and timely manner so adjustments could be made.
- Actively participated in prototyping stage when the engineering department began new projects.