

OLIVIA SMITH

CAD Engineer

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PROFESSIONAL SUMMARY

Results-driven CAD Engineer with 7 years of experience in mechanical design and drafting. Proficient in CAD software, with a strong focus on precision and efficiency in product development and design optimization.

WORK EXPERIENCE

CAD Engineer Dec / 2019-Ongoing
WidgetWorks Inc. Denver, CO

- 1. Configured and maintained CAD environments, providing support to engineering teams for design projects.
- 2. Created and standardized schematic symbols and footprints, enhancing library efficiency and accuracy.
- 3. Collaborated with global teams to support library development and maintenance for CAD tools.
- 4. Developed high-quality logic symbols for schematic capture, ensuring compliance with design standards.
- 5. Managed library resources and created part tables to streamline design processes.
- 6. Translated customer requirements into design specifications for manufacturing components.
- 7. Prepared components for CNC machining, ensuring precision in production processes.

CAD Engineer Dec / 2017-Dec / 2019
Summit Peak Industries Denver, CO

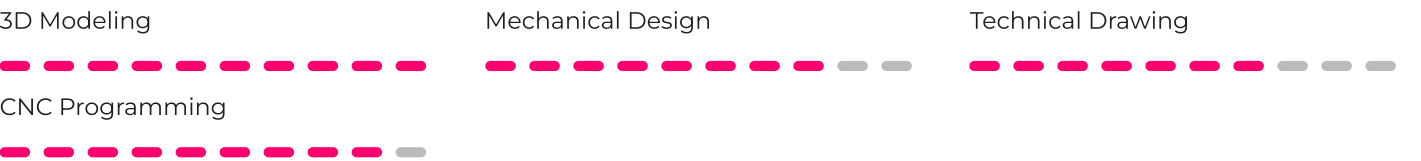
- 1. Designed mechanical systems from concept to completion, generating detailed fabrication drawings.
- 2. Executed machinery operations, applying material properties to optimize product design.
- 3. Expert in mold design, machine tool operation, and CAD software applications.
- 4. Engineered custom brackets and frames to support utility and communication networks.
- 5. Produced detailed 3D models and assembly drawings, adhering to CAD standards.
- 6. Created large assemblies with functional constraints to ensure design integrity.
- 7. Performed design calculations to validate engineering solutions.

EDUCATION

Bachelor of Science in Mechanical Engineering Dec / 2015-Dec / 2017
University of California, Berkeley Denver, CO

Focused on mechanical design, CAD applications, and materials science.

SKILLS



ACHIEVEMENTS

- ★ Reduced design cycle time by 20% through process optimization.
- ★ Successfully led a project that improved product reliability by 30%.
- ★ Developed a new CAD template that increased drafting efficiency by 25%.