

Griffin Rossberg

Mechanical Engineering Student

Highly motivated CAD Designer skilled in 3D modeling and sheet metal design using SolidWorks, Fusion 360, and AutoCAD. Certified SolidWorks Associate and Professional committed to delivering high quality work. Studying mechanical engineering at the University of Utah. Expected to graduate December 2027.

Experience

08/2023-Current

ACME Overland | West Valley City, Utah

CAD Technician

- Utilized advanced 3D modeling software, including SolidWorks and Fusion 360, to design parts for expedition trucks and vans.
- Developed detailed drawings to effectively communicate design specifications to manufacturers, ensuring accurate and efficient production.
- Specialized in sheet metal component design, demonstrating proficiency in creating manufacturable and functional products.
- Responsible for preparing files and coordinating communication with the manufacturer.

05/2025-08/2025

JR Automation | Ogden, Utah

Applications Engineer Intern

- Assisted application engineers with research, concept development, and quoting.
- Converted components from technical drawings into Solidworks models to be used in concept layout in Visual Components.
- Lead an intern project to support local high school robotics clubs.

05/2023-08/2023

RC Ornamental | Heber City, Utah

CAD Technician Intern

- Supported senior technician in project execution by providing valuable assistance and ensuring project timelines were met.
- Designed metal railings and fences using CAD software, demonstrating a strong grasp of design principles and attention to detail.
- Produced detailed layouts and drawings for shop instruction, contributing to efficient fabrication and assembly of projects.

05/2023-09/2023 (Seasonal Position)

Deer Creek Island Resort | Heber City, Utah

Boat Mechanic, Retail Associate, Captain

- Performed both basic and intermediate boat repairs, demonstrating technical proficiency in diagnosing and resolving mechanical issues.
- Demonstrated strong people skills while driving boats for customers, creating a positive and enjoyable experience.

Salt Lake City,

Utah



435-395-9424

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Certifications

Feb. 2023

SolidWorks CSWA - Mechanical Design
[Certification Link](#)

April. 2023

SolidWorks CSWP - Mechanical Design
[Certification Link](#)

Technical Skills

- 3D Modeling and Design
 - SolidWorks, Fusion 360, Visual Components
- Sheet Metal Modeling and Design
 - SolidWorks, Fusion 360
- 2D Drafting
 - AutoCAD, Civil 3D
- 3D Printing

Education

2023-Current

Bachelors in Mechanical Engineering
University of Utah

2022-2023

Associates of Science
Snow College

2016-2020

High School Diploma
Wasatch High School

Other Experience

Dec. 2022

- Snow College Opportunity Quest**
 - 1st Place Prototype Competition

Jan. 2019

- SkillsUSA Utah Additive Manufacturing Competition**
 - 1st Place

June. 2019

- SkillsUSA National Additive Manufacturing Competition**
 - 2nd Place