



# Seth Carl

Mechanical Engineer

## Profile

Graduate student of Mechanical Engineering at Saint Martin's University. Volunteered at the Lacey Makerspace as an Autodesk Project Modeler and Customer Assistant for heavy machinery such as Woodworking saws, CNC cutters, Laser engravers, 3D printers, Grinders, Welders, Lathes, and Mills. Has worked with electric circuitry and electric motors, combustion and diesel engines, as well as hydraulics systems.

## Qualifications

- Proficient at 2D and 3D modeling using Autodesk software
- Adept in understanding machinery and components.
- Great communication skills developed when helping/working with people at the Lacey Makerspace and as a Teacher's Assistant

## Education

Masters of Mechanical Engineering, Saint Martin's University  
Lacey, Washington - Graduating May 2022

Bachelors of Mechanical Engineering, Saint Martin's University  
Lacey, Washington - Graduated May 2021

Associate of Art, South Puget Sound Community College  
Olympia, Washington - Graduated August 2019

## Experience

Teacher's Assistant, Mechanics of Materials Lab, Saint Martin's University  
August 2021 - December 2021

Tractor Build Completing, Project lead, Saint Martin's University  
May 2021 - Present

Lacey Makerspace, Volunteer, 108 Hours  
November 2020 - May 2021

Amazon Warehouse Fulfillment Associate, Full-Time  
July 7, 2020 - August 28, 2020

## Awards

Dean's List, Saint Martin's University  
Awarded Fall 2018, Fall 2020, Spring 2020, Fall 2021

## Details

Olympia, Washington

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## Skills

Microsoft Office

MATLAB Programming

Autodesk AutoCAD

Autodesk Inventor

Autodesk Fusion 360

Ansys 2020 R2

Understanding Manuals

Problem Solving

## References

Dr. Shawn Duan, Professor,  
Saint Martin's University  
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Shelbie L. Davis, Professor,  
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