

Mitchell Van Wagoner

1215 2nd Ave SE, Albany, OR, 97321
Mitchell@MVWengineering.org
(503) 869-3877



portfolio.mvwengineering.org

EXPERIENCE

Sunrun — CAD Technician / Software Developer

Lehi, UT / Remote - June 2017 - Present

- Create permit-able designs using the Autocad CAD program
- Balance customer and company constraints
- Analyze architectural documents
- Monitor designs and data entry for accuracy
- Build QA tools for effective production
- Write SOPs and training documents

Vivint Solar — Team Lead

Lehi, UT - September 2016 - June 2017

- Foster an open and friendly work environment
- Facilitate growth through trainings and shadow sessions
- Monitor employee success through 1 on 1 guidance
- Collaborate with field personnel on design decisions
- Check designer work to ensure quality
- Present industry leading processes to design departments

Virticus Corp. — Mechanical Designer / Product Assembler

Beaverton, OR - May 2011 - August 2014

- Design weather proof sheet metal enclosures to house electronics
- Outline and design new products using the Solidworks CAD program
- Collaborate with team members on design requirements
- Interface with manufacturing to streamline processes and ensure quality
- Update existing product designs to meet company standards

EDUCATION

Oregon State University — Mechanical Engineering

June 2025

- GPA 3.15
- Focus in Robotic Control - SLAM / Kinematics
- Robotics Lab - OVH Group / Human Robot Interactions
- Capstone - Robot Comedy (Audience Interaction w/ AI Feedback)

SUMMARY

A recent Mechanical Engineering graduate, I am passionate about making a difference by building new and innovative technologies. I strive to learn new skills that will enable me to solve interesting problems. I look forward to growing as a part of your team.

REFERENCES

Dillon Pratt

Design Supervisor
910.789.9465

Nathaniel Parker

Design Supervisor
801.885.4078

Ken Salt

Industrial Sales Manager
971.977.5949

Tristan Fuller

National Account Manager
360.910.0063

SKILLS AND PROFICIENCY

- Solidworks
- AutoCAD
- Rhino 3D
- Matlab
- Python
- Javascript
- Salesforce
- DFM
- Product assembly
- Quality Assurance
- Leadership

HOBBIES AND INTERESTS

- 3D Printing
- Wood / Metal Working
- Backpacking / Camping
- Home Automation
- PC Building
- Mixology
- Disc Golfing
- Flight / Driving Sims