



Objective:

A highly motivated student with a strong work ethic, seeking a Engineering Quality Assurance position at Cloudely Inc. Experienced in manufacturing and operations, looking to expand and apply my skills and knowledge in an industrial/commercial setting.

Skills:

- ⇒ Adaptive Learner, dependable, data driven and result oriented.
- ⇒ Experience with manufacturing processes, which includes 3D printing, turning, milling, injection molding and casting.
- ⇒ Experience with CAD and Analysis software: Catia, Autodesk Inventor, Fusion 360, Solidworks, Siemens NX, Autodesk Moldflow Synergy and Altair Inspire Cast.
- ⇒ Proficient computer knowledge and skills, Microsoft Office (Word, Excel, PowerPoint).

Education:

Western Michigan University: ██████████, MI

Expected Graduation May 2021

- ⇒ Pursuing a Bachelor of Science in Manufacturing Engineering Technology and Plastics Processing Minor.
- ⇒ Department GPA 3.24/4.0, Overall GPA 3.11/4.0

Coastline Regional Occupational Program: ██████████

Jan. - June 2016

- ⇒ Certificate of Recognition for attaining Career Technical Education competencies in Manufacturing Engineering Technology.
- ⇒ Learned basic principles, CAD software, operative skills, six sigma, value stream mapping and to program/operate state-of-the-art Computerized Numerical Control (CNC) machinery.

University Experience:

WMU Student Chapter of Society of Plastics Engineers: ██████████, MI

Jan. 2020 -

Present

Lead Researcher for Additive Mfg.

- ⇒ Designing, modifying, and manufacturing products and processes to assist the plastics lab.
- ⇒ Bonding over interests in plastic related topics with other student members.
- ⇒ Analyzing processes to achieve desired surface finishes of ABS parts that are 3D printed.

Formula Society of Automotive Engineers: ██████████, MI

Sept. 2019 -

Present

Driver Controls Sub-team Lead

- ⇒ Collaborating with a team of students to design, manufacture, and validate braking, steering, and driving systems; as well as implementing ergonomics of the driver's controls and seating position.

Stryker Senior Design Project: ██████████, MI

Jan. 2020 - Dec. 2020

Student Team Engineer

- ⇒ Team of students, faculty, and engineers that worked to optimize ULPA filter housing design for injection molding.
- ⇒ Reduced cost per piece ~4% which resulted in an estimated cost savings of 500k annually.

Professional Experience:

Center for Advanced Vehicle Design and Simulation WMU: ██████████, MI

Jan. 2021 -

Present

Mechanical Drafter

- ⇒ Produce detailed technical drawings in AutoCAD/Inventor: from basic images and positional tolerance stack-ups.

Western Michigan University: ██████████, MI

Oct. 2020 -

Present

Machine Shop Lab Assistant

- ⇒ Supervise and assist students in their projects.
- ⇒ Maintain proper storage of equipment and lab space.
- ⇒ Manufacture various tasks, such as plasma cutting material, MIG welding, 3D printing, turning parts on a lathe or mill, drill bits sharpening, hydraulic air cylinder maintenance, reverse engineering of components and sheet metal trimming/forming.

Denso Manufacturing Michigan Inc.: ██████████, MI

July - Aug.

2020

Summer Student Production Associate

- ⇒ Stamped features into condenser components and ran quality matrix checks.
- ⇒ Operated the parts washer: loading and unloading components.
- ⇒ Identified faulty errors and fixed certain machine issues

O'Reilly Auto Parts: ██████████, CA

June - Aug.



Unlock resume

Sourced from

Dice

Powered by



2017

Auto Parts Specialist/ Sales

- ▢ Learned about materials used in auto parts, inventory management, and their overall purpose and function.
- ▢ Assisted customers to fulfill their needs by finding them the best part or product based on their situation.
- ▢ Trained in vehicle diagnostics and the various components of a vehicle.