

# Hayden Engineer

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## EDUCATION

**University of Pittsburgh**, Pittsburgh PA

*Bachelor of Science in Mechanical Engineering*

*Minor: Electrical Engineering*

GPA: 3.66

Expected Graduation: December 2021

## RELEVANT EXPERIENCE

**Honda Manufacturing of Indiana, Greensburg, IN**

*Paint and Plastics Co-Op*

May-August 2020

- Communicated with multiple departments in the plant and other North American locations
- Managed two projects in addition to multiple other duties as assigned from managers and engineering group
- Assisted in equipment startup of new model instrument panel line
- Designed new model fixture carts and clearance fixture for larger future models using Catia v5
- Submitted Catia Drawings to suppliers and received quotes for carts and clearance fixture
- Presented final presentation to five senior management staff including President and Vice President

*Testing and Quality Assurance Co-Op*

August-December 2019

- Performed daily mold inspections and checked for abnormalities
- Executed preventative maintenance and continuous improvement of equipment and tools as required to guarantee safety, quality, and delivery targets

**Advanced Conversion Technology, Inc., Middletown, PA**

*Engineering Intern*

May-August 2019

- Drafted and edited engineering documentation and drawings for medium duty electric motors, gear boxes, and transaxles
- Utilized 3D printing, Solidworks, design specifications for projects
- Conducted purchasing research, and compiled data for the replacement of a midrange 3D printer for sending prototypes out to customers

## TECHNICAL SKILLS

- Catia V5
- ANSYS
- Solidworks
- MatLab
- AutoCAD
- Microsoft Office

## LEADERSHIP & CAMPUS INVOLVEMENT

University of Pittsburgh Formula SAE

August 2018-Present

- Awarded 13<sup>th</sup> place at the Formula North competition in Ontario, Canada (2019)

American Society of Mechanical Engineers

January 2018-Present

Colleges Against Cancer

August 2017-Present

## ADDITIONAL EXPERIENCE

**FedEx, Pittsburgh, PA**

*Shipping Department*

May 2017-August 2017

- Packaged and shipped variety of orders, parts and assemblies
- Operated forklifts and other logistics vehicles and material handling equipment