

Daniel W. Munck
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Education

The Pennsylvania State University, University Park, PA	Class of May 2018
Bachelor of Science in Mechanical Engineering	GPA: 3.2/4.0
Dean's list - December 2014, May 2017	
Hochschule Pforzheim University, Pforzheim, Germany	May 2017 - July 2017
Engineers Made in Germany Summer School	GPA: 3.5/4.0

Work Experience

Kafka Manufacturing, Forest Park, IL	October 2019 – Present
<i>Mechanical Design Engineer</i>	
<ul style="list-style-type: none">Design cab enclosures, doors & various parts for elevators in SolidWorksPerform GD & T on designsWork directly with clients to make sure designs meet their needsRender design proposals for potential & existing clients	
E-Quip Manufacturing (Contracted through Express Employment), Frankfort, IL	March 2019 – September 2019
<i>Mechanical Design Engineer</i>	
<ul style="list-style-type: none">Designed industrial equipment for food processing using SolidWorksPerformed GD & T on equipment designs	
Ace Hardware, State College, PA	August 2017 – July 2018
<i>Retail Associate</i>	
<ul style="list-style-type: none">Aided customers in need of assistanceMaintained an organized workplace	
Penn State Office of Physical Plant, University Park, PA	June 2016 – December 2016
<i>Project Management Intern</i>	
<ul style="list-style-type: none">Identified cost effective engineering solutions to reduce Penn State's carbon emissionsConducted research regarding the capabilities of battery energy storage systems	

Relevant Experience

Personal Design and Machining Experience, Multiple Locations	April 2010 – Present
<ul style="list-style-type: none">Designed and built an electric guitar from an exit signDeveloped and constructed a functioning full-size replica of a Peel P50Write and code independent video games	
Senior Design Project, University Park, PA	August 2017 – December 2017
<i>Design Lead</i>	
<ul style="list-style-type: none">Worked with Sikorsky to develop a surveillance UAVWorked with another team member to design the airframe	
ME 440: Mechatronics, University Park, PA	August 2017 – December 2017
<i>Student</i>	
<ul style="list-style-type: none">Used Arduino to program robotic vehicles for our final project	
Penn State Formula SAE, University Park, PA	August 2014 – December 2015
<i>Member</i>	
<ul style="list-style-type: none">Worked with the Aerodynamics Team to design the carbon fiber exterior of the vehicle	

Leadership Experience

Full Ammo Improv Troupe, University Park, PA	April 2016 – May 2018
<i>Vice President</i>	
<ul style="list-style-type: none">Responsible for club merchandise and planning external events	

Skills

- Advanced in SolidWorks, SolidWorks Visualize, AutoCAD, FEA, Microsoft Office, GD & T, MATLAB, and Machining
- Strong verbal and written communication, strong ability to work in a team environment, advanced problem-solving
- Working proficiency using MakerBot, Arduino, C, Photoshop, and DaVinci