

Tony Tian

(734) 478-0648 tian157@purdue.edu

Objective

Seeking an internship position at a company where I can apply my skills relating to mechanical engineering, while also learning more about the engineering industry and gaining valuable work experience.

Education

Purdue University	West Lafayette, IN	Expected 2023
<ul style="list-style-type: none">Working toward a Bachelor of Science in Mechanical Engineering		

Skills

- SolidWorks, Autodesk Inventor, Siemens NX, Creo Parametric, Sketchup, GIMP, Java, basic electrical circuits
- Drill press, bandsaw, mill, CNC machines, and hand tools
- Experience with automotive diagnostics, repairs, and modifications

Relevant Coursework

CAD and Prototyping; ME Design, Innovation, and Entrepreneurship; 300-level Mechanics of Materials; 200-level Statics, Dynamics, and Thermodynamics; Electrical Engineering Fundamentals; Electricity and Optics; C Programming; AP Computer Science

Experience

Sensors, Inc.	Mechanical Engineering Intern	Saline, MI	Summer 2021
<ul style="list-style-type: none">Created, updated, and documented technical drawings in SolidWorksManaged products' CAD models and bill of materialsDesigned, modeled, and assembled jigs for use during production			
Online Stores			2015 - 2020
<ul style="list-style-type: none">Processed, packaged, and shipped orders, uploaded inventory, interacted with customers about ordersDesigned and built marketing website in HTML			
FIRST Robotics	Team Member/Leader		2015 - 2019
<ul style="list-style-type: none">Member of mechanical and design sub-teamsCollaborated in designing and modeling robot using Autodesk InventorLed mechanical sub-team in fabricating and assembling robot parts			

Hobbies and Interests

Working on Cars	2021 - Present
<ul style="list-style-type: none">Working on restoring and modifying my 1994 Honda Civic Del Sol with mid-engine conversion	

Leadership

Science Olympiad	
<ul style="list-style-type: none">Volunteered as an event coach for National Competition qualifying middle school teamLed several sub-teams as event head on high school team	2018 2018
FIRST Robotics	
<ul style="list-style-type: none">Led high school team's mechanical and design sub-teams as co-leaderKept pits operating smoothly as pit captain	2019 2019

Honors

FIRST Robotics	
<ul style="list-style-type: none">Nominated for the Dean's List Award Semi-Finalist	2018

Extracurriculars

All American Marching Band	Trumpet Section Member	2019 - Present
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