

# Tony Tian

My work portfolio: [tian157.github.io](https://tian157.github.io)

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## 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.

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## Education

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

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## 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

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## 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

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## Experience

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

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## Hobbies and Interests

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

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## Leadership

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

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## Honors

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

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## Extracurriculars

<b>All American Marching Band</b>	<b>Trumpet Section Member</b>	<b>2019 - Present</b>
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