

# 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.

## Education

**Purdue University**

**West Lafayette, IN**

**Expected 2023**

- 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**

- Created, updated, and documented technical drawings in SolidWorks
- Managed products' CAD models and bill of materials
- Designed, modeled, and assembled jigs for use during production

**Online Stores**

**2015 - 2020**

- Processed, packaged, and shipped orders, uploaded inventory, interacted with customers about orders
- Designed and built marketing website in HTML

**FIRST Robotics**

**Team Member/Leader**

**2015 - 2019**

- Member of mechanical and design sub-teams
- Collaborated in designing and modeling robot using Autodesk Inventor
- Led mechanical sub-team in fabricating and assembling robot parts

## Hobbies and Interests

**Working on Cars**

**2021 - Present**

- Working on restoring and modifying my 1994 Honda Civic Del Sol with mid-engine conversion

## Leadership

**Science Olympiad**

- Volunteered as an event coach for National Competition qualifying middle school team **2018**
- Led several sub-teams as event head on high school team **2018**

**FIRST Robotics**

- Led high school team's mechanical and design sub-teams as co-leader **2019**
- Kept pits operating smoothly as pit captain **2019**

## Honors

**FIRST Robotics**

- Nominated for the Dean's List Award Semi-Finalist **2018**

## Extracurriculars

**All American Marching Band**

**Trumpet Section Member**

**2019 - Present**