

TRISTAN R. HANFORD

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(630) 245-3290
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PROFESSIONAL SUMMARY

Final year Mechanical Engineering student with experience in automotive engineering, CAD design, and project leadership. Has a proven ability to manage projects from concept to completion, experience in turning client needs into engineered solutions, and a passion for design. Seeking full-time engineering opportunities.

EDUCATION

Purdue University - West Lafayette

Bachelor's Science Mechanical Engineering
GPA: 2.86/4.0
West Lafayette IN, 47906
08/2022 to Present

Naperville Central High School

GED
GPA: 3.4/4.0
Naperville IL, 60540
08/2018 to 05/2022

SKILLS

Vehicle Customization	7 Years
HTML & CSS	2 Years
Siemens NX	3 Years
Creo Parametric	1 Years
C++ Programming	1 Year
Python Programming	1 Year
MATLAB	2 Years
Microsoft Excel	4 Year
Trimble Sketchup	4 Years
Home & Auto Audio Wiring	6 Years
LT Spice	1 Year

EXPERIENCE

Vehicle Build Intern → Co-Founder

05/2022 to Present
Summit Metal Products
1351 Nagel Blvd, Batavia, IL 60510

Overseeing Construction of a Pilot 1968 Ford Bronco
Support Full Build, Assisting in Design, Assembly, & Component Integration
Applied CAD Modeling to Design & Refine Custom Parts
Coordinate with External Firms to Integrate Advanced Systems
Manage Part Procuring, Outsourcing, & Scheduling to Meet Client Deadlines

Store Manager

06/2018 to 05/2021
Sweet Home Gelato
50 S Main St Suite 138, Naperville, IL 60540

Oversee General Operations
Supervise ~15 Employees, Managing Training, Scheduling, & Performance
Oversee Daily Cash Operations Between \$1-7k
Maintained Equipment to Ensure a Streamlined Workflow

AWARDS

Chicago Auto Show - 2nd Place

06/2022
Awarded for a 1974 Jeep CJ5, recognized for design and craftsmanship.

CLUBS

Purdue ASME

Joined: 08/2024

DECA

Joined: 08/2019

CERTIFICATIONS / LICENSES

OSHA Safety Certification

10/2023 to 10/2026

Creo User / Modeling Specialist

Anticipated Completion: 12/25