

Robby Norris

U.S. Citizen | (619) 288-9730 | robbynorris25@gmail.com | robbynorris.com

EDUCATION

Purdue University, School of Mechanical Engineering Indianapolis, IN
Bachelor of Science in Motorsports Engineering - GPA: 3.42/4.00 May 2028

- **Certifications:** CSWP, CSWA, Microsoft Excel Essential Training.
- **Software:** SOLIDWORKS, Microsoft Excel & Office 365, STAR CCM+, Python, MATLAB, Adobe Photoshop.

AUTOMOTIVE EXPERIENCE

Norris Motorsports Sept 2022 – Present
Driver, Mechanic San Diego, California

- Earned multiple main event wins in the dirt Pure Stock class at Barona Speedway.
- Worked hands-on maintaining, driving, and enhancing the capability of the stock car.

Herzog Racing June 2025
Pit Crew Madera, CA

- Worked with a championship-winning asphalt late model team while learning about racing at higher levels.
- Gained hands-on experience in the pits and developed knowledge in improving performance.

Sticker Standard May 2024 – June 2024
Intern Ramona, CA

- Learned about business operations through a decal/wrap design and printing business.
- Designed and printed multiple stickers and a wrap for a Husqvarna motorcycle.

JBA Speed Shop April 2023 – August 2023
General Service San Diego, CA

- Worked on and around muscle cars, collector cars, and race cars.
- Assisted technicians with mechanical work, cleaned fuel injectors, and performed general service tasks.

Technician Apprentice

- Shadowed technicians & specialists as they worked and learned about the various aspects of a speed shop.
- Helped with chassis & engine dyno runs, motor teardowns, machining parts, and suspension alignments.

PROJECTS

Purdue University VIP (*Vertically Integrated Projects*) August 2025 – Present
Team Leader

- Working with a real-world aerodynamics specialist to create a conceptual aero package for a Pikes Peak time attack car.
- Utilizing SolidWorks to design, STAR CCM+ to test, and the Pikes Peak Open rules as a baseline.

Purdue University EPICS (*Engineering Projects in Community Service*) Jan 2025 – May 2025
Team Leader

- Led a team of 12 members in creating a racing simulator for Purdue's Motorsports Engineering outreach events.
- Created and organized documents, assigned responsibilities, and arranged meetings to complete the project.

Design Lead August 2024 – Jan 2025

- Drafted conceptual designs on paper and assisted in converting them to digital formats using SolidWorks.

CAMPUS INVOLVEMENT

Endurance Racing Club – Driver, Mechanic, Pit Crew 2024 - Present

- Worked hands-on driving, repairing, and improving a Lemons car at various events.

Sim Racing Club – Race Engineer, Driver 2024 - Present

- Learned about vehicle dynamics through driving and creating setups on iRacing.

SKILLS

Computer Aided Design (CAD)
Computational Fluid Dynamics (CFD)
Programming

Finite Element Analysis (FEA)
Topology Optimization
Data Collection and Analysis