



WE DRIVE TO BE DRIVEN.

WHAT IS 49ERS RACING?

- 49ers Racing is student organization that competes in FSAE, or Formula Society of Automotive Engineers. FSAE is a fantastic way for students to follow a path toward motorsports and gain valuable experience and critical thinking skills.

- This prestigious organization is student lead and student run, with a goal to showcase our car on an international stage, and compete for the best design.



WHAT IS FSAE?



- Collegiate design competition
- Put on by SAE international
(Society of Automotive Engineers)
- The goal is to design, develop and compete a single-seater, open wheel formula style race car
- 20% of NASCAR engineers complete this program!

WHATS OUR GOAL?



TO GO TO COMPETITION

COMPETITION IS SPLIT INTO TWO EVENTS



STATIC



DYNAMIC

2022 FORMULA SAIR
Kevin Meyers
General Motors
EVENT CREW

STATIC EVENTS

BUSINESS PRESENTATION

- How can we market our car?
- How can we market our brand?
- This presentation tackles a concept that SAE International provides.



COST PRESENTATION

- A format to show how we produced our car, profiling every part via sub-system breakdown for the car.



DESIGN PRESENTATION

- This is the big one
- Judges surround your car for 1 hour and 30 minutes breaking down your cars design



FIREKEEPERS

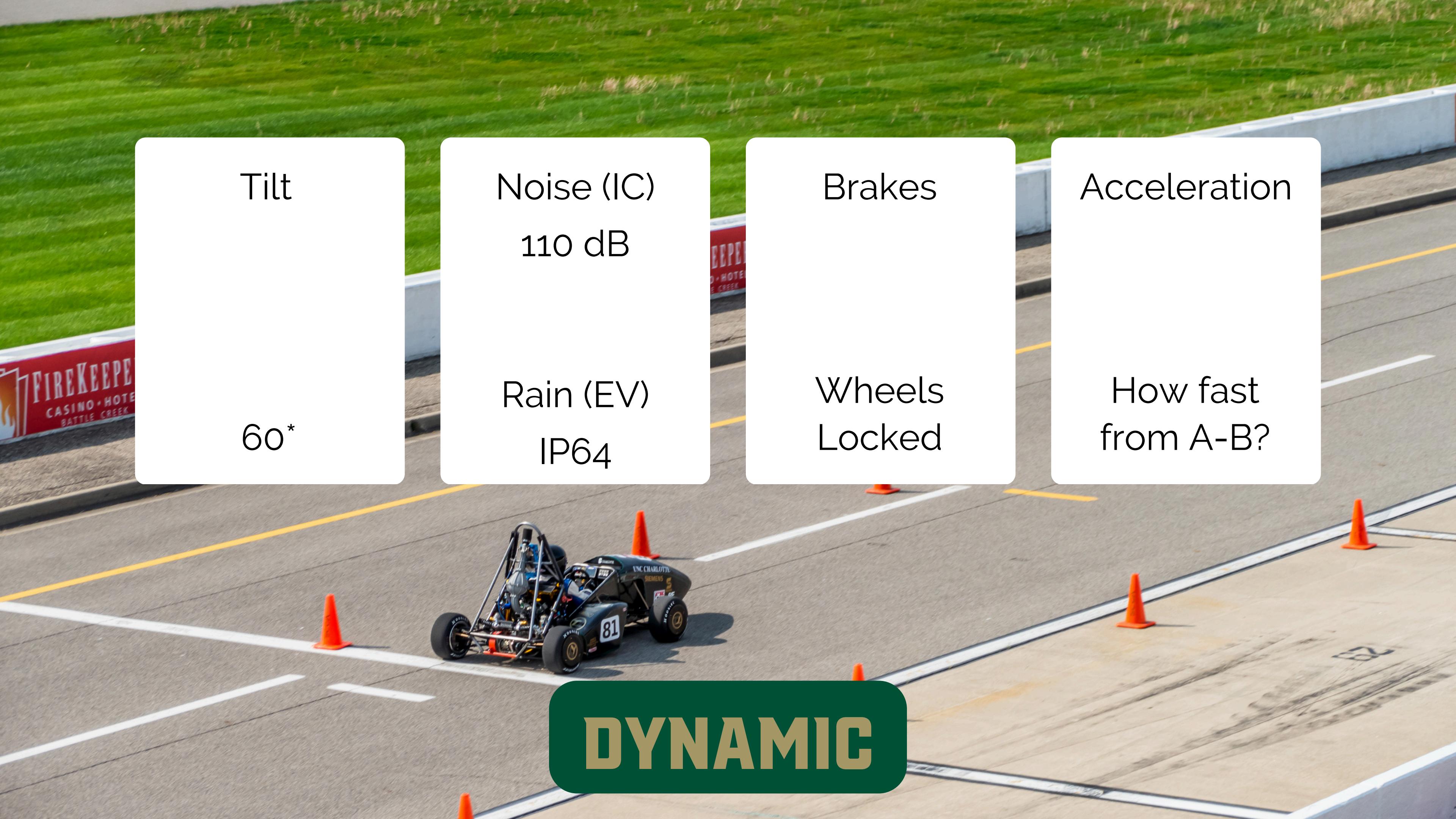
CASINO • HOTEL

PLAYING GREEN

NSK NSK NSK



DYNAMIC EVENTS



Tilt

60°*

Noise (IC)

110 dB

Rain (EV)

IP64

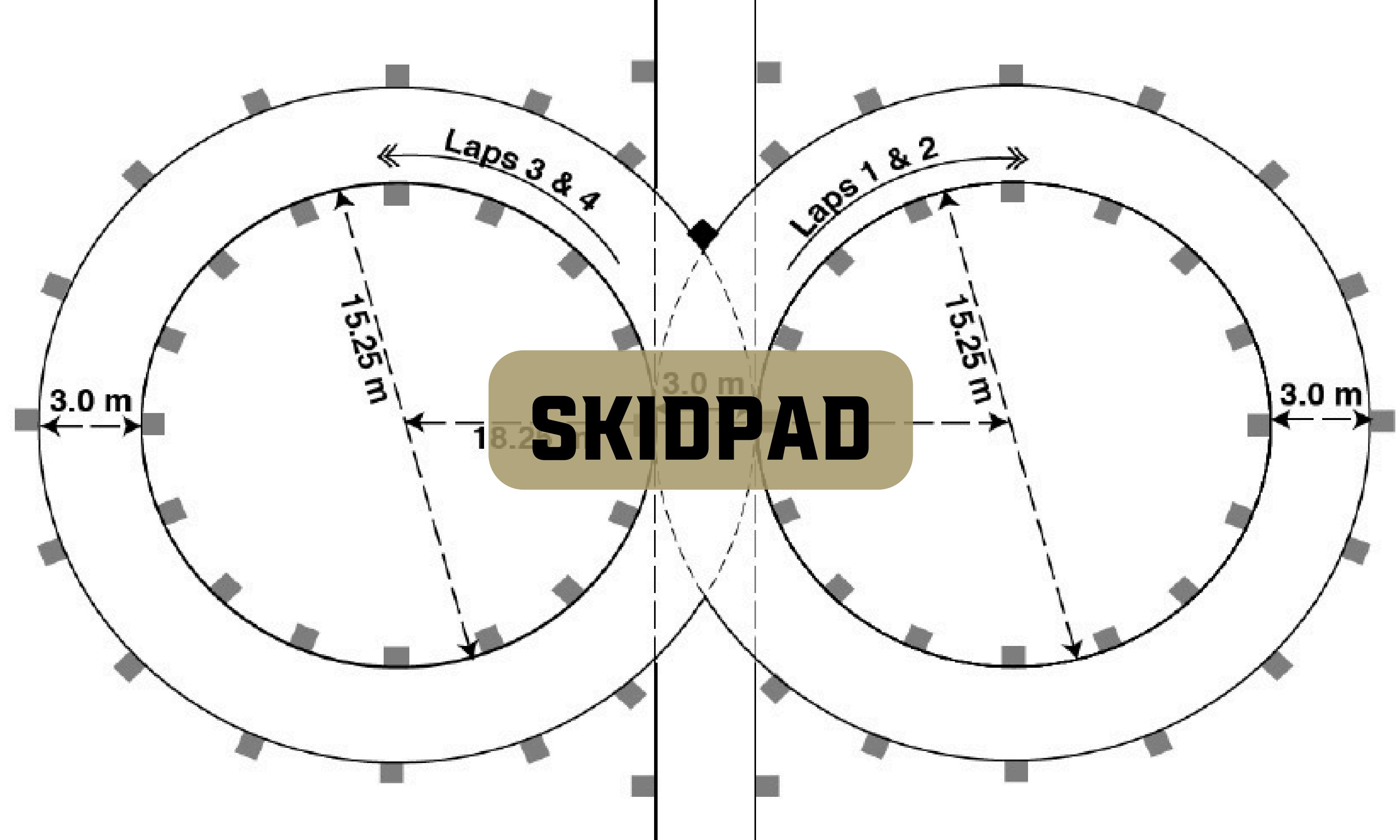
Brakes

Wheels
Locked

Acceleration

How fast
from A-B?

DYNAMIC





AUTOCROSS

- Get through the circuit as fast as possible without hitting any cones!

ENDURANCE



HOW DID WE PLACE?



THE UNDER-DOGS

As a first year team, we blew away the competition. Placing an impressive 25th over 99 University's across the globe.

This was the university's best finish since 2012!

49ERS RACING WAS FINALLY BACK RACING.



**WE GOT NOTICED BY SAE
INTERNATIONAL FOR OUR VIDEOS!**



@49ERSRACING



ROOKIES TO PROS

Over the summer, our team worked hard to dedicate time to a business team, which helped increase our global outreach to over 350,000 users across META products!

We also participated in the US Legends Cookout Summer Shootout, where we expanded our connections even further.

A GROWING INDUSTRY

A 130% increase in attendance compared to the previous year



Retention increased by over 200% within the first 6 weeks compared to the previous year

WHAT ARE WE DOING NOW?

From outreach and community events such as Women in STEM, Charlotte Motorspeedways STEAM Fair, Touch-a-Truck, as well as participating in car shows, 49ers Racing has a platform unlike any other.



WE ARE THE FUTURE OF MOTORSPORTS ENGINEERS





QUESTIONS?