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THE PUSH

THE OFFICIAL NEWSLETTER OF SPARTAN RACING



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WE HAVE A CAR!

April marks a defining moment for the SJSU Formula SAE team as the SR-17 transitions from months of design and fabrication into a rolling, test-ready vehicle at the PnR track. Alongside this milestone, events like the College of Engineering Driver's Day and our Toray workshop highlight the hands-on experiences and industry connections that elevate our team.



Behind every breakthrough are the people who make it possible, from late nights debugging electronics to refining aerodynamic performance for competition-level speed. As Andrew from Electronics shares, "it's so fun to build stuff and see the designs you made come together and work." These stories reflect the dedication, innovation, and resilience that define our program, and with continued sponsor support, we're accelerating toward competition.

CoE & SPONSOR DRIVER DAY



The College of Engineering Driver Day put students and faculty in the driver's seat of innovation, literally. Hosted in collaboration with SJSU Formula SAE, the event gave participants the rare opportunity to experience the SR-16 race car firsthand. Designed, built, and tested entirely by students, the SR-16 represents the culmination of countless hours of engineering, teamwork, and perseverance.

THEY SEE ME ROLLING



FIRST LOOKS

The SR-17 has officially taken its first steps from concept to reality, marking a major milestone for the SJSU Formula SAE team. After months of design, analysis, and late nights in the shop, the car is now rolling under its own weight at the PnR test track. This first rollout represents more than motion—it's the result of disciplined engineering, cross-team collaboration, and relentless iteration. Every subsystem, from chassis to suspension, has come together to transform ideas into a functioning vehicle. As we move into the testing phase, each run will bring critical data that drives performance, reliability, and competitive readiness. Moments like this are only possible through the continued support of our sponsors, who enable us to build, test, and push the limits of what our team can achieve. With the SR-17 now on track, we're not just building a car—we're building momentum toward competition.

ANDREW *ELECTRONICS DESIGNER* **MACIAS**

"IT'S A TEAM EFFORT"



Favorite part of FSAE?

Manufacturing, it's so fun to build stuff and see the designs you made come together and work.

Favorite memory in FSAE?

Working on the dashboard, debugging and making processes for it, you can't just send a revision immediately. This could be done better, you realize as you're working on it. Constant improvement process on electronics

What are you working on?

Staying up til 4 am trying to debug a board (specifically the dashboard), being frustrated, just persevering through it, and at 3:30 am it just WORKS. It feels so good because you've been working on it all day.

DAVID *AERODYNAMICS DESIGNER* "OH WORD" **KRUG**



Favorite part of FSAE?

Unboxing the part after doing a layup for composites and seeing your design come together in assembly.

Favorite memory in FSAE?

Competition last year, all the aero guys were in the bleachers watching the endurance event. We watched the cars go around a high speed sweeper, our drivers didn't have to lift off the gas like the rest because of our downforce.

What are you working on?

Radiator fan positioning, I'm making a carbon fiber shroud that goes from the radiator to the fan. Trying to get the right amount of airflow to the radiator while increasing downforce for the aero package.

WHAT'S



NEXT?

EVENTS COMING UP:

- CoE Showcase - April 13th
 - We're presenting our ideas to students and faculty at SJSU
- Lucid Design Review - April 14th
 - Experienced engineers giving design feedback to prepare for getting 1st place at competition
- SJSU Day of Giving - April 21-22nd
 - A sponsor raise-a-thon for clubs to get matched donations
- Unveiling - April 25th
 - See SR-17 fully built for the first time!



ASSOCIATED STUDENTS
SAN JOSÉ STATE UNIVERSITY



CHARLES W. DAVIDSON
COLLEGE OF ENGINEERING



GONSEL'S MACHINE SHOP



VALENCE
PRECISION



'TORAY' SIEMENS



OnlineMetals.com



Beall '60



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