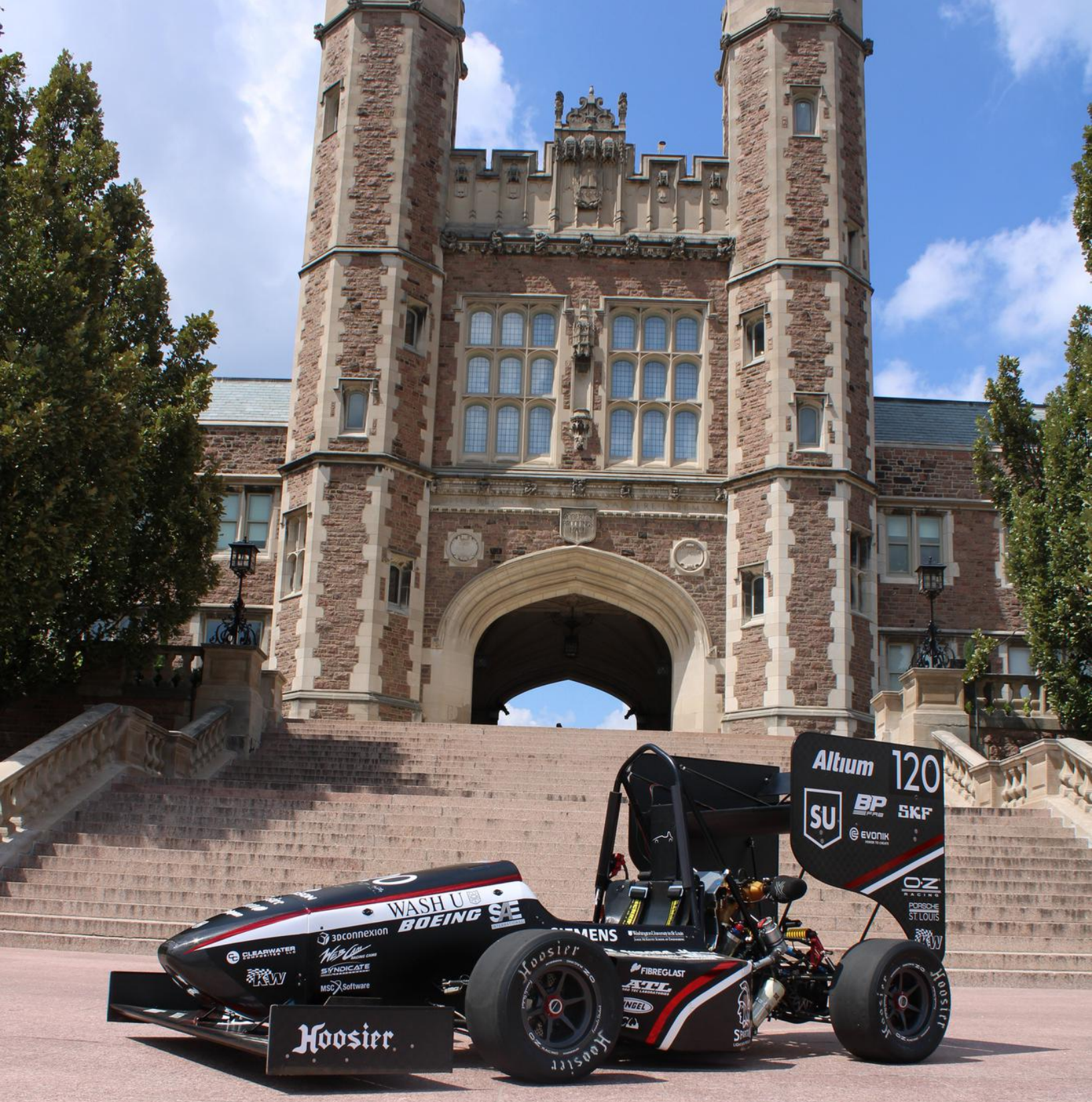


SPONSORSHIP PACKET

2022-2023

WASHU RACING

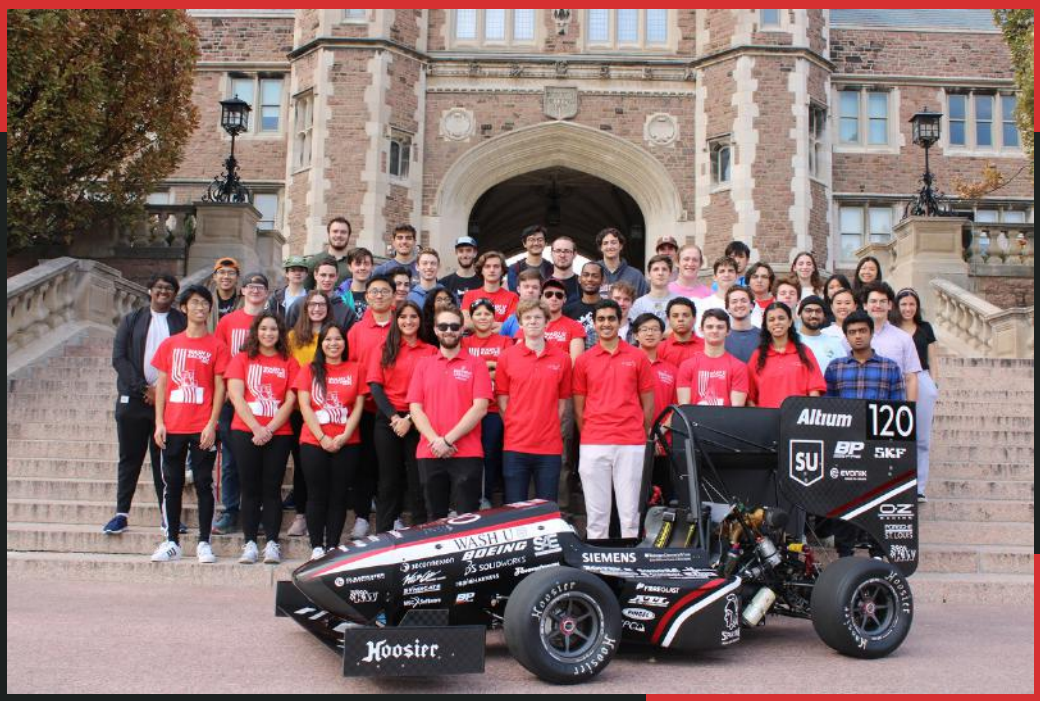
FROM THE TEAM

From the WashU Racing team to you, we hope you will consider being a sponsor for our 2022-2023 season!

WashU Racing is a team made up of students across all disciplines and backgrounds who come together annually to design, manufacture, and assemble a formula style open wheel race car that we compete with at the FSAE competition in Michigan. To the team, WashU Racing is a way to test and apply what they've learned in the classroom and research to actually build a race car to compete. Not only that, but most members get to indulge in their passions with others who feel the same, creating a diverse community within the garage.

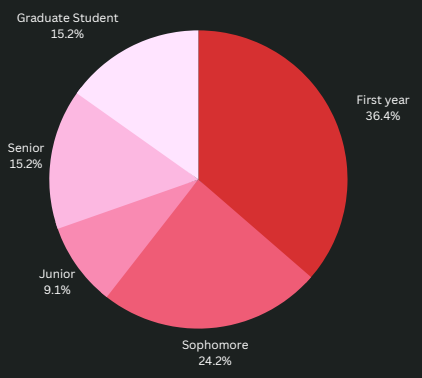
Through dedication and hard work, our latest build, WUFR-22, has placed 37th out of 110 teams from 10 countries, with our design placing 12th. Since 2019, we have moved up the ranks by 10 positions, a reflection of what the team is capable of and more. But that didn't happen from the team alone. We had many supporters like you that had contributed to our success by providing us the necessary resources and advice to move our design forward from paper to reality. That said, we hope you continue or consider sponsoring the development of our team and our 2023 race car, WUFR-23.

We would like to thank you as well as welcome you to our race car building journey!

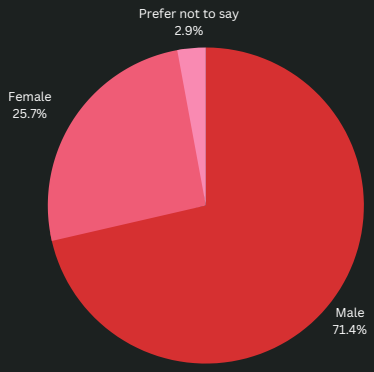


ABOUT US

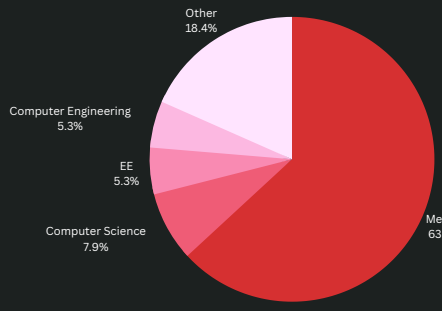
Class year



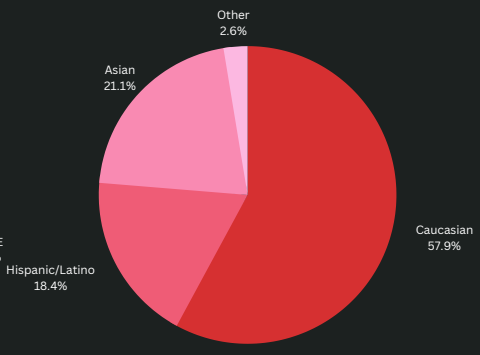
Gender



Majors



Ethnicity



WashU Racing is a student-led organization that builds an FSAE race car. We, the team, are made up of over 40 students, both graduate and undergraduate, who all work together to manufacture a car to take to compete each year. We design, manufacture, and race the car ourselves. Additionally, we work with industry professionals and research new industry trends in a strive to create new improvements in the car. Our annual goal is to compete in the Formula SAE Michigan competition each year against over 100 teams. During the competition, the judges will test the car's acceleration, endurance, overall performance, and design, and combine those components to calculate an overall score of our team.

WASHU INFO

Washington University in St. Louis (WashU) is a private research university founded in 1853, in St. Louis, Missouri. This year, WashU was ranked 15th among all colleges in the United States and continues to be one of the most prestigious research universities in the world. The university has 17,086 students that the school is committed to teaching and providing various opportunities to learn, discover, and impact. Every year, since the beginning of WashU Racing, the university has helped foster and grow the team by offering their resources and spaces such as classrooms for meetings and our garage for race car construction.

Fun Facts:

- The first American Olympics were hosted the WashU's Francis Field and Gymnasium
- Bill Gates was born in Washington state, NOT Washington University, which is located in Saint Louis, MO
- The school eliminates 567,000 plastic bottles annually
- WashU has the same number of letters as "pizza"

Achievements:

- 10 Pulitzer Prize Winners
- 15th in National Universities
- 26 Nobel Laureates Affiliated with WashU
- 242 Invent Disclosures in 2019-20
- WashU awarded a total of 5,357 degrees in 2021-22

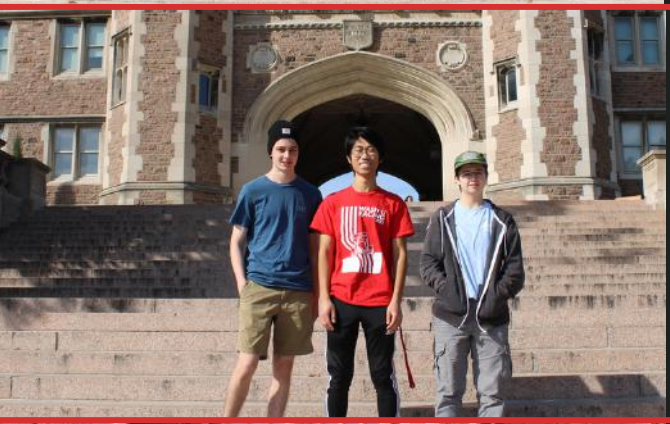
MEET THE TEAM

ERGONOMICS

LEADS: ALEXIS RIVERA & CASEY MAJEWSKI

ELECTRIC & DATA ACQUISITION

LEADS: SIYA VERMA, HAYDEN SCHROEDER, & QUINN TRENT



CHASSIS

LEAD: JEFFREY DAI

SUSPENSION

LEAD: JP BERMUDEZ

MANUFACTURING

LEAD: LIZBET SUAREZ MENDOZA

POWERTRAIN

LEADS: ANGEL WAN & JUSTIN STOHLMAN

COMPOSITES

LEAD: ERIS MAGSINO

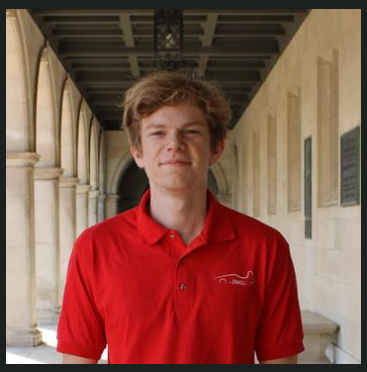
BUSINESS

LEAD: JOYCE ZHAO

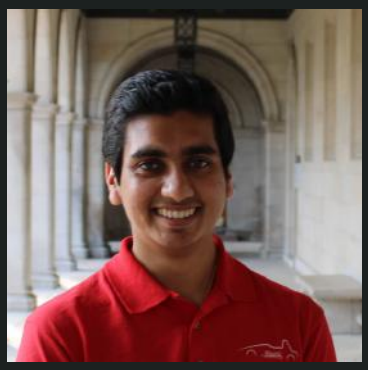
AERODYNAMICS

LEADS: ALEX NUNEZ & HOWARD WU

MEET EXECUTIVES



PRESIDENT
JONAH SPENCER
JWSPENCER@WUSTL.EDU



PROJECT MANAGER
AMAY KEJRIWAL
AKEJRIWAL@WUSTL.EDU

TECHNICAL MANAGER
MAX RICHTER
MAX.RICHTER@WUSTL.EDU

WASHU RACING

OUTREACH MANAGER
EMILY MA
MA.E@WUSTL.EDU

RECRUITMENT MANAGER
NISHA SAHGAL
NISHA.SAHGAL@WUSTL.EDU

FINANCE MANAGER
RAGHED ABDEL-TAWAB
RAGHED@WUSTL.EDU

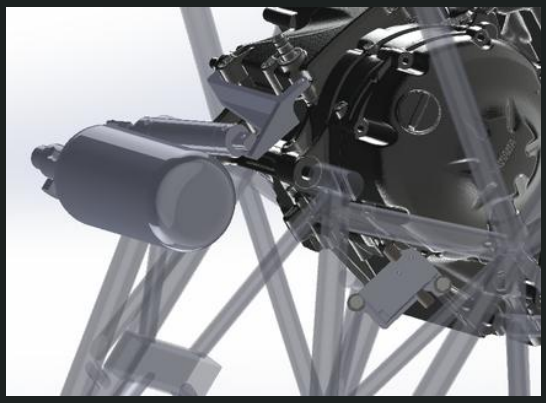
OUR PROCESS

Design

The design portion is built up of two phases. The first phase involves the team doing research to find new ideas for the car. Then the team moves onto the second phase which is where the new ideas are in modeled in CAD and analyzed.

Design Review

Before a part can be manufactured and go on the car it must go through a FDR (final design review) portion. This idea was adopted from industry practice. The design review is a way for other members of the team to give input about the part



Manufacturing

After the FDR , the part gets approval, then the drawings and CAD files are sent over to the manufacturing team which will create the part inhouse.

Testing

Once the car is fully built, we begin the testing process. Our team's specially picked drivers will take our car out and emulate a competition track to help drivers practice driving the car, and for the team to collect data on the car so we can make improvements before competition day.

RANKINGS

A RECORDING OF WASHU RACING'S PREVIOUS RANKINGS

2014 SEASON

PRESENTATION EVENT: 105
COST EVENT: 47
ACCELERATION: 46
SKIDPAD EVENT: 53
OVERALL RANK: 83

2016 SEASON

DESIGN EVENT: 74
PRESENTATION EVENT: 57
COST EVENT: 68
ACCELERATION: 23
SKIDPAD EVENT: 71
AUTOCROSS: 83
OVERALL RANK: 74

2018 SEASON

DESIGN EVENT: 48
PRESENTATION EVENT: 59
COST EVENT: 25
ACCELERATION: 57
SKIDPAD EVENT: 55
AUTOCROSS: 63
ENDURANCE: 47
OVERALL RANK: 61

2022 SEASON

DESIGN EVENT: 12
PRESENTATION EVENT: 43
COST EVENT: 18
ACCELERATION: 49
SKIDPAD EVENT: 19
AUTOCROSS: 37
OVERALL RANK: 37

PAST & FUTURE

WUFR- 22:

Car 120, also known as model WUFR-22 was our first car produced within a two-year cycle. Its design was the second iteration of the WUFR-19 car, but the first with the addition of front and rear wings. With that design, we improved 10 positions from 2019 which was a huge win for the team. From there, we will continue moving up ranks.

WUFR- 23:

For our future build, we plan to make it our third iteration of the WUFR-19, keeping the front and rear wings, with a new addition of an undertray and DRS. Not only that, but our clutch will be fully automated! Beyond improvements in our car's design, we also included a composites team to focus on molding and manufacturing carbon fiber composites.

WHY SPONSOR US?

Our goal is to build a complete racing car to compete at the Formula SAE competition in Michigan. Doing so will require many resources to build and test the many components of our race car. Since we are a student organization, we mainly get funds from outside sources, including sponsorships. Through sponsorships, our team will be able to build our race car efficiently and with higher quality.

Recognizing that each sponsor matters, we provide sponsoring companies with numerous benefits such as...

- Prominent branding and logo placement on our car, apparel, and etc.
- Tax deductible donations
- Recruitment opportunities
- Newsletter subscription
- Invitation to team events
- You will plant the seed for the next generation of engineers.

SPONSORSHIP BENEFITS

	BRONZE $250+	SILVER $1,000+	GOLD $3,500+	PLATINUM 5,000+	DIAMOND 10,000+
NAME ON APPAREL	✓	✓	✓	✓	✓
SUBSCRIPTION TO NEWSLETTER	✓	✓	✓	✓	✓
INVITATION TO ALL TEAM EVENTS	✓	✓	✓	✓	✓
LOGO ON THE WEBSITE	SMALL	MEDIUM	LARGE	LARGE	LARGE
LOGO ON CAR	SMALL	MEDIUM	LARGE	EXTRA LARGE	CUSTOM SIZED
LOGO ON APPAREL		SMALL	MEDIUM	LARGE	LARGE
USE OF TEAM'S WRITEUPS FOR COMPANY'S PROMOTIONAL MATERIAL				✓	✓
PROMOTIONAL USE OF CAR					✓
RESUME BOOK					✓

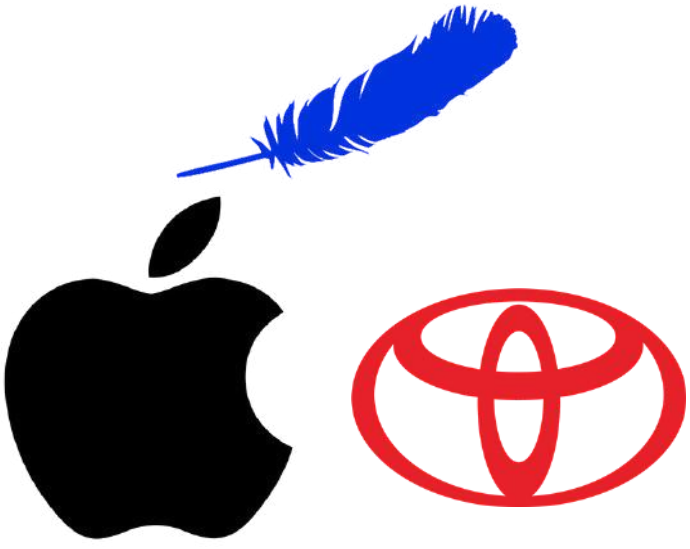
THANK YOU 2022 SPONSORS!

Washington University in St. Louis
James McKelvey School of Engineering

WASHU RACING

BEYOND FORMULA SAE

Alumni of Washington University Formula SAE are driven individuals with experience working in a fast-paced, real-world design environment. For many alumni, FSAE was a foundational experience that helped them get where they are today.



Washington University in St. Louis
James McKelvey School of Engineering

WASHU RACING

CONTACT US

Jonah Spencer

President

jwspencer@wustl.edu

Joyce Zhao

Business Lead

joyce.z@wustl.edu

@WASHURACING

SAE.WUSTL.EDU

/WashURacing

wuracing@gmail.com