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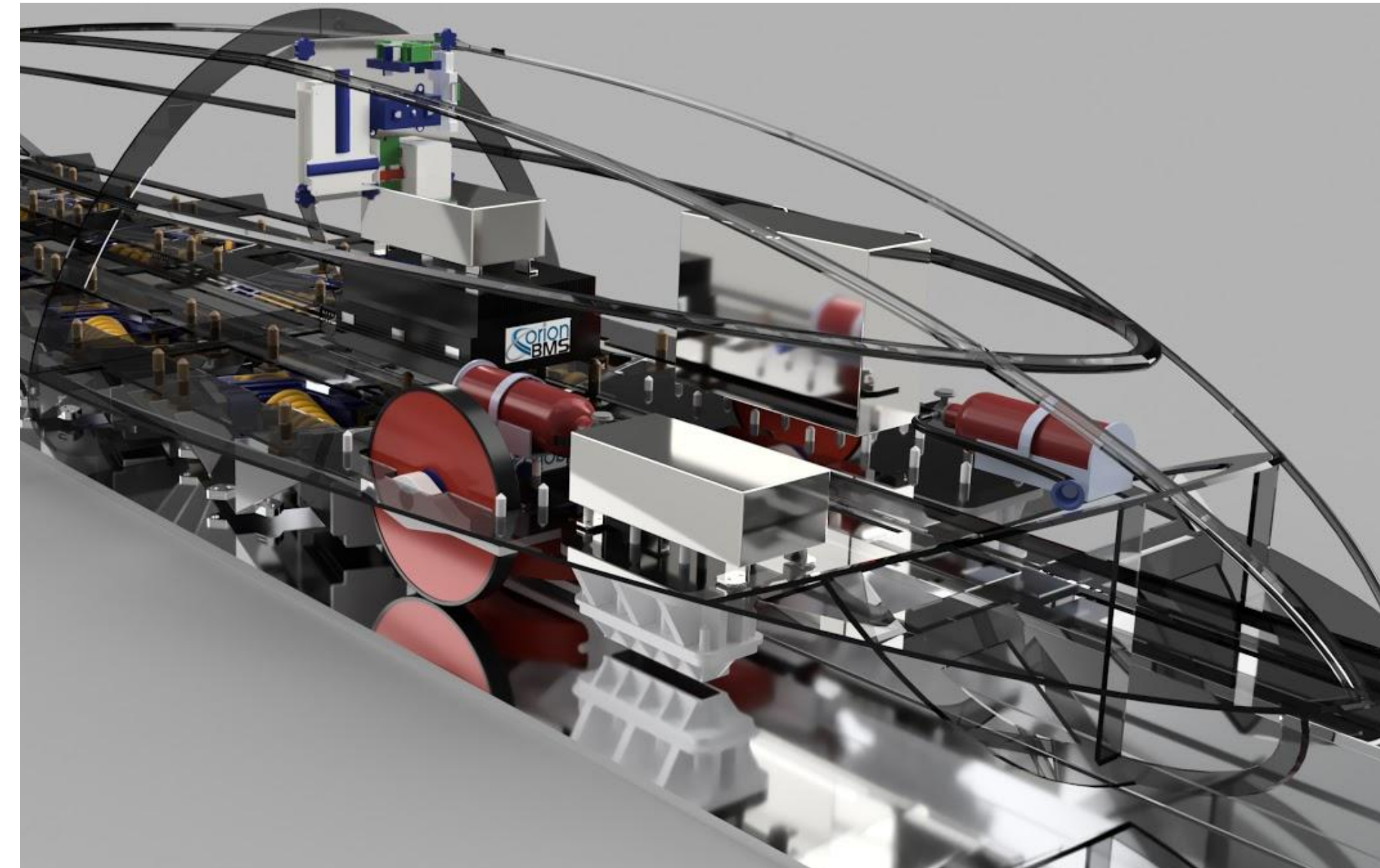
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# AzLoop



## Who We Are

Arizona Hyperloop is a coalition between Embry-Riddle Aeronautical University (ERAU) and Arizona State University (ASU) students competing in Elon Musk's annual SpaceX Hyperloop Pod Competition. Members on subteams such as propulsion, braking, stability, levitation, and controls must design, test, and build a quarter-scale prototype of a high-speed vacuum tube "hyperloop" pod.



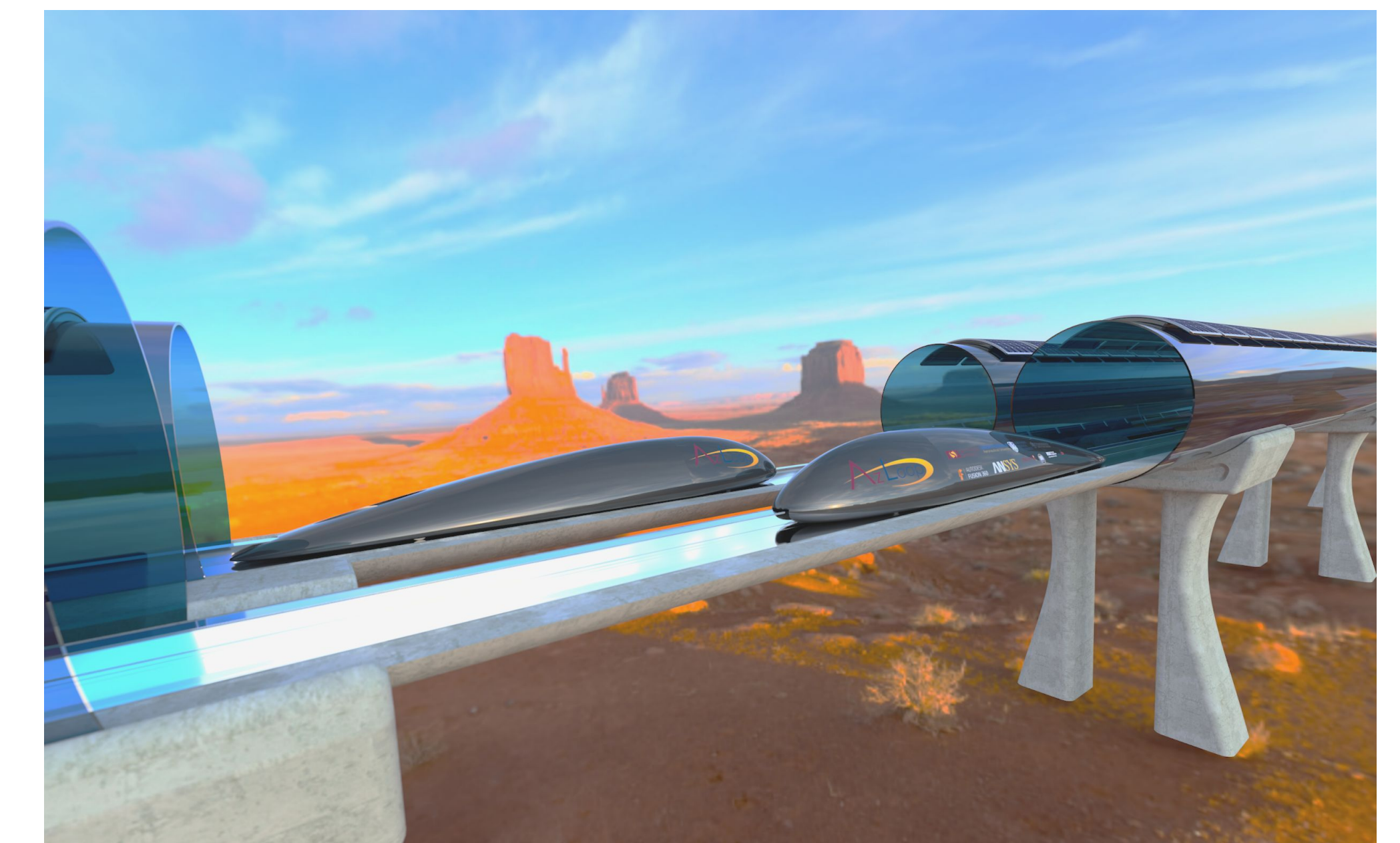
## What We Do

Arizona Hyperloop provides students with a unique engineering experience. Students work through the entire project cycle each year, from design to fabrication. Our members are responsible for researching and delivering innovative solutions to challenges facing their subteam. Through cross-school collaboration and faculty interactions, students face realistic engineering challenges.



## Our Future

Arizona Hyperloop serves as an opportunity for students to apply what they learn in the classroom to a real life project. The team relies on both engineering and business students collaborating across the state. The team is expanding to not only compete at SpaceX, but to host their own international Hyperloop competition. In addition, Arizona Hyperloop is starting an independent research and development team. In Prescott, students will contribute to new hyperloop concepts that reach outside the scope of competition. The team is currently studying subscale track concepts for on campus research into topics such as levitation and powered rails.



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