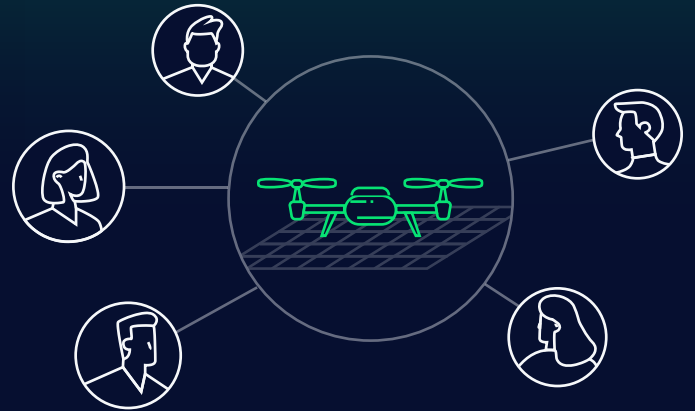


Frequently Asked Questions



What is Riders?

Riders is a company originally founded in Turkey. It evolved out of a hardware robotics company called Acrome and is now on a mission to help democratize robotics and coding competitions for everyone around the world through its innovative software.

What is the Riders Arena?

Riders Arena is the world's first simulation environment where robotics and coding competitions take place. We allow anyone from around the world to participate in our competitions by creating a Riders account, signing up for a competition, and coding their robot so they can submit it into the Riders arena.

Can you explain the terms IDE and RIDE?

An IDE is a popular acronym used in the computer science industry otherwise known as an "Integrated Development Environment". RIDE stands for "Robotics Integrated Development Environment." Basically, we are providing users a special browser page and, on this page you can start coding your robot in a simulation environment in seconds.

What is an online robotics competition and how does it work?

An online robotics competition is a way for users to show off their robotics, coding, and algorithm skills in a virtual setting. You simply need to create an account on Riders, join an existing competition, and begin coding your robot so that you can submit it. Once you've submitted your robot and modified your algorithm you can see how it ranks against the rest of the competition.

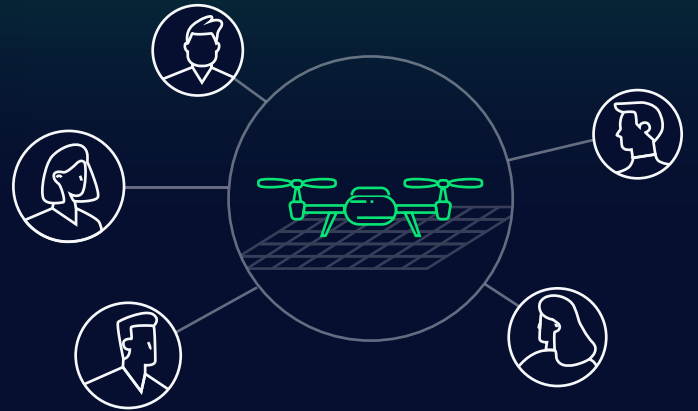
How is an online competition different from an in-person competition?

Some of the hurdles associated with physical competitions that have been exacerbated due to COVID19 such as travel, and meeting up in large groups are non-existent concerns with online competitions given everything takes place online.

How can I code and simulate my robot on the Riders platform?

Riders provides an online robotics IDE with an integrated robotics simulator. Using ROS (or our ROS-connected libraries), you program the code that would run on an actual Robot and the behavior of your robot is simulated in a virtual environment using our Gazebo Simulator.

Frequently Asked Questions



What type of competitions take place on Riders?

There are individual and team competitions in Riders. There are also competitions at different levels of difficulty that incorporate different game concepts such as line follower, sumo match, and maze race games.

How can I build projects with my teammates on Riders.ai?

In Riders, you can create a team and invite your friends to work on the same projects with you. You can make these projects private so that they are only accessible by your team members or by you personally. When you are editing a project, we create a version that's only accessible to you, and when you are ready you can publish your changes so your whole team can see them.

Do you provide integrations with platforms such as Github and Gitlab?

While we're not currently providing Github/Gitlab integrations, you can create public projects in Riders which are accessible by everyone and share a link to these projects so others can review and collaborate on your codebase.

Do I need to install any software on my computer for Riders.ai to work properly?

You do not need to install any software. As long as you have a working internet browser you can use Riders. Riders works on any of the major browsers such as Google Chrome, FireFox, and Safari. Any Mac, Windows, desktop, or laptop computer is compatible with Riders. We always suggest using a newer rather than older computer as most new computers come with the hardware specs to run Riders in a seamless and enjoyable manner.

Can I use Riders.ai on my mobile devices (smartphone or tablet)?

Unfortunately at this time Riders does not work on mobile devices. Mobile browsers do not perform well with robotics and coding simulators. However you may login to Riders.ai on your phone to interact with your projects and friends without running the Riders simulator.

What programming languages is riders compatible with?

Currently we're supporting only Python and C++ programming languages, but we're planning to support other languages and visual programming paradigms in the future.