

How To Start the Robot

By Jacob Mazelin

1. Grab a battery from the battery cart and plug it into the robot. A good battery level from the cart is over **12.8 volts**.
2. Get the robot centered on the field with the **battery facing the opposite alliance**.
3. Turn on the robot by flipping the **black switch found by the red button**
4. Get out either the Driver Station #1 or #2 computer from the drive briefcase and turn it on. Also, get out the Xbox controller and the white dongle to plug the controller into. Plug these into the **right side** of the computer.
5. Click on the **FRC Drive Station** app found on the desktop. It is the grey icon with a play button. Shuffleboard, the software with values for the swerve, arm, etc, will automatically appear once the drive station is opened.
6. After waiting a minute or two from turning the robot on, the wifi signal will pop up. Click on the wifi button in the lower right corner of the computer and click on **Hilbert Charleston 5675**. If you don't see it yet, turn the wifi off and then on again until you see it.
7. If you have a successful connection, there will be three **green** icons on the drive station app—one for Communications, one for robot code, and one for the controller. If it is not successful, try turning the wifi off and on again and connecting to Hilbert Charleston 5675.
8. Press **enable** to enable the robot and press enter to disable.
9. If you have any issues, turn the robot off and then on again, and don't forget to center it with the battery in the front!