Where did all these scooters come from?

Electric scooters are a new form of transportation that have taken many cities by storm.

- With all these scooters it is faster to travel short distances for a cheaper cost.
- It is very a convenient form of transportation but without regulation accidents are a rising issue. People getting hit, ran over, pedestrians feeling unsafe are a few of the problems.
- That is why we are here, and why we want to clean this horror from our city. With our engineer expertise we have applied our knowledge to be a symbol of safety.

Who We Are

About Us

This city needs engineers who care and are capable of making change. As future engineers we are trying to protect the well-being of civilians. Our goal is to make electric scooters as safe as possible while maintaining the freedom of scooter riding. Wouldn’t you like to ride on your scooter feeling confident that the scooter will alert you of any danger?

Contact Us

Phone: [555 – dada-dundun]
Email: [theeevengers@gmail.com]
Web: [https://www.marvel.com/]

[We can do this all day.]
Upgrading a normal Scooter?

Our Approach...

We spent a lot of time thinking about how to approach this project. The way we are adding safety is by adding technology to the scooter.

We will be adding sensors to the back of the scooter to alert the user if there is someone behind them and are very close. We will have a sensor in the front to help with assisted braking.

Sensors on the back so the user knows what is happening behind them….

We have two ultrasonic sensors on the rear of the scooter that is checking if there is something that approaches the user and gets too close. When this happens the ultrasonic will send a signal to the handlebars that will make them vibrate, which will alert the rider.

“Not the scooters we need, but the scooters we deserve.”

Sensing in the front to help with braking…

We have a lidar sensor on the front of the scooter to detect if there is an object in front of the user and if it’s getting too close. This will help if the rider is not paying attention or doesn’t have enough time to react and brake. When this happens, the sensor will communicate with a relay that is connected to the controller so that the scooter can stop safely.

Our Products and Services

As seen above, some of the devices we are using are ultrasonic sensors, a lidar sensor, Arduino board, relay, and a power converter.

Our devices are relatively cheap, so this added safety is at a low cost. It is an example of how different pieces of technology can be combined in order to complete a bigger task. As the Evengers, we are here for you. The civilian, businessman, student, and everyone in between. You either become a success or see yourself collapse. We are not collapsing anytime soon.