

Bridge anti-falling device

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Hello, judging, I'm Tan Rui who came to Chongqing, and my invention is a kind of "A bridge fall prevention device".

In 2018, in Wanzhou, Chongqing, because passengers interfered with the driver's normal driving, a large bus with all the passengers broke through the bridge barrier and fell into the river, and no one survived a major accident. Because of this incident, I wanted to make a device that could catch a car when it fell from a bridge.

My idea is to install a power-off circuit on the bridge of the bridge, with an Arduino device and a vehicle anti-fall net hidden on the bridge. When the vehicle is driving normally, the device will not respond; but when the vehicle accidentally breaks the bridge, the power line will be cut off immediately. At this time, another device Arduino installed on the bridge will be triggered. The Arduino quickly controls the vehicle's anti-falling net to open. Hold the vehicles and passengers that have fallen from the bridge.

This invention protects our lives, prevents financial losses, and saves manpower and material resources for salvaging bridge crashes. This is the work of my invention, thank you!



