

OCTOBER 2021

SCAR ROBO

THE LATEST NEWS AND EVENTS FROM SCAR ROBO



FEATURED ON THIS MONTH'S NEWSLETTER:

"Robot Murder Dog New Thing to Worry About as You Fall Asleep"

"One man's secret to a socially distant Halloween: A robot who'll deliver candy to trick-or-treaters"



"ROBOT MURDER DOG NEW THING TO WORRY ABOUT AS YOU FALL ASLEEP"

<<https://gizmodo.com/robot-murder-dog-new-thing-to-worry-about-as-you-fall-a-1847867174>>

A robotics company based in Philadelphia have recently developed a Vision-60 quadruped to imitate having a dog as a hunting companion but this time robotic. The Vision-60 has cameras and sensors built in its chassis which allow it to not only maintain its posture and roam on all four legs, but also maintain as much vigilance as you would expect from a member of the military. The one thing which it lacks is an actual weapon system, which SWORD Defense systems helped with. SWORD developed a Special Purpose Unmanned Rifle (SPUR) which provides the Vision-60 with military weaponry capabilities. Among many features, SPUR incorporates a thermal camera with 30x zoom which allows it to be used to spot living targets miles away, along with a rifle that has a 4000 feet range. Although it is yet to be determined if any countries have used it thus far, the collaboration of the Vision-60 quadruped with SPUR proves to be an effective tactical weapon for military personnel to use.



VR with robotic arm

"ONE MAN'S SECRET TO A SOCIALLY DISTANT HALLOWEEN: A ROBOT WHO'LL DELIVER CANDY TO TRICK-OR-TREATERS"

<https://ca.movies.yahoo.com/trick-or-treating-robot-safe-halloween-pandemic-211100274.html>

Mr. Luke Keyes has always loved halloween. Every year, the software engineer and his wife create a haunted science lab in their garage for the kids in their North Austin neighborhood to explore. But, wanting to encourage social distancing this year, Keyes decided to scrap those plans and focus on a back-up: a candy-delivering robot.

A longtime robotics enthusiast, Keyes began building his robot, Arty, eight years ago out of Lego bricks and a Roomba. Arty is over six foot tall, and is constructed out of a Balder power wheelchair which was left behind by someone in a boat shed, few cameras and plenty of wood. Keyes controls the robot, which he estimates weighs over 300 pounds, with an Xbox controller.

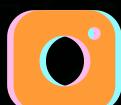
Keyes constructed a tray which Arty carries filled with pre-assembled bags of candies, which he will then drive over to neighboring households to distribute.

In addition to promoting safe ways to have fun this Halloween, Keyes wants to make it clear that robotics is something that everyone can get into, no matter their limitations.

"I'm very vocal about how into robots I am. I started with Legos, and then it was a Roomba. I want to remove the barriers of robots. I want there to be cool robots out there, and cool robots that are built by people," he shared. "I try to tell kids, this is where I started, and you can get up to this. Anybody can start building robots."



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**"BELIEVE YOU CAN AND YOU'RE
HALFWAY THERE."**

-THEODORE ROOSEVELT

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