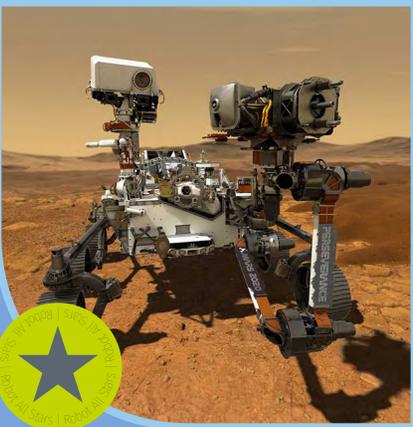


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Perseverance
Semi Autonomous Mars Rover

A circular logo with a star and the text "powered by" is overlaid on the bottom left of the image.

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Roomba® j7
Robot Vacuum

A circular logo with a star and the text "powered by" is overlaid on the bottom left of the image.

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Lego Education SPIKE™ Prime
Educational Kit

A circular logo with a star and the text "powered by" is overlaid on the bottom left of the image.

Print settings: double sided, short edge binding

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Stretch
Mobile automated warehouse handling

A circular logo with a star and the text "powered by" is overlaid on the bottom left of the image.

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TUG
Hospital Robot

A circular logo with a star and the text "powered by" is overlaid on the bottom left of the image.

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IONIQ 5 Robotaxi
Autonomous Vehicle

A circular logo with a star and the text "powered by" is overlaid on the bottom left of the image.

Robot AllStars



Coach: Esben Staerk

Hometown: LEGO® Education

Stats: With LEGO building elements and an intuitive drag-and-drop coding language based on Scratch, SPIKE Prime teaches problem solving through play.

With the SPIKE Prime Hub, motors, and sensors, students can create a variety of projects.

Fun Fact: Advanced students can also learn text based Python coding.



Robot AllStars



Coach: CEO Colin Angle

Hometown: iRobot

Stats: The Roomba® j7 robot vacuum uses iRobot Genius Technology and PrecisionVision Navigation to recognize and avoid common objects in its way.

It can create personalized cleaning suggestions and allow scheduling multiple cleanings per day.

Fun Fact: The j7 is able to recognize and avoid Pet Waste, the iRobot P.O.O.P. promise (Pet Owner Official Promise)



Robot AllStars



Coach: Jennifer Trosper, Project Manager

Hometown: NASA

Stats: Perseverance is a semi autonomous rover exploring the surface of Mars. Its cameras and other equipment search for evidence of life on Mars.

It has been sampling rocks and sending back images and sounds from Mars since landing in 2021.

Fun Fact: Perseverance also carried a small Mars Helicopter (Ingenuity) on board, giving a new view of the planet.



Robot AllStars



Coach: Karl Iagnemma

Hometown: Motional & Hyundai Motor Group

Stats: The all electric IONIQ 5 based Robotaxi is Motional's first commercial vehicle and a partnership with Hyundai Motor Group. It has more than 30 sensors with camera, lidar and radar along with driverless technology including machine learning so it can navigate safely through the streets.

Fun Fact: A rider-focused interface lets passengers interact with the vehicle for things like making extra stops.



Robot AllStars



Coach: Aldo Zini

Hometown: Aethon

Stats: The TUG autonomous robot works in a hospital moving materials, medications, food and supplies efficiently around the hospital.

The robot has obstacle avoidance, omni-directional navigation, and signals when it arrives at the nurses station.

Fun Fact: For hospital clients, on average, TUGs move over 370 miles every week.



Robot AllStars



Coach: Robert Playter

Hometown: Boston Dynamics

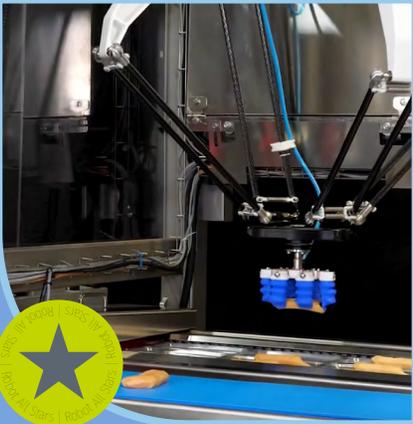
Stats: Stretch is a versatile mobile robot for use in warehouses. It can unload trucks, build pallets and handle cases with ease.

The robot has an advanced vision system, gripper on a seven degrees-of-freedom arm and mobile base.

Fun Fact: The high capacity batteries last a full work shift without a coffee break!



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A close-up photograph of a robotic gripper with two blue suction cups, positioned over a blue surface. The gripper is part of a larger mechanical assembly.

mGripAI
Smart Gripper

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A black, tracked robot with a single antenna and a small propeller-like structure on top. It is shown from a side profile against a white background.

FirstLook
Throwable Robot

Print settings: double sided, short edge binding

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A blue and black autonomous camera drone with four rotors, shown from a low angle against a dark background.

Skydio 2+
Autonomous Camera Drone

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A white autonomous shading system consisting of a vertical pole and a large, adjustable, grey fabric shade. It is set against a background of a blue sky and ocean.

SUNFLOWER
Autonomous Shading System

Robot All★Stars



Coach: Tom Frost, VP & Manager UGS

Hometown: Teledyne FLIR

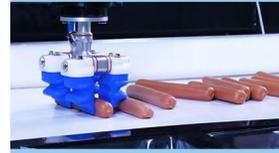
Stats: FirstLook is a throwable, rugged, and expandable robot that provides immediate situational awareness with four cameras, performs persistent observation and investigates dangerous and hazardous material while keeping its operator out of harm's way.

The robot climbs small obstacles, overcomes curbs, turns in place and self-rights when flipped over.

Fun Fact: Only 6 lbs, the robot can survive a drop on concrete up to 16 feet.



Robot All★Stars



Coach: Jeff Beck and Mark Chiapetta

Hometown: Soft Robotics

Stats: mGripAI adds 3D vision and artificial intelligence to the soft gripper. The Perception Modules act as eyes sending 3D images to the Intelligence Module.

Acting as the brain of the robot, it then translates those images into actions for the gripper to pick the selected product.

Fun Fact: mGrip is food safe and designed to efficiently pick and pack selected foods.



Robot All★Stars



Coach: CEO Armen Gharabegian

Hometown: ShadeCraft Robotics

Stats: This solar powered and energy storing umbrella tracks the sun to capture optimum energy. It opens with the rising sun, and closes at dusk. With integrated lighting, Wi-Fi, Bluetooth and speakers, it's an all in one solution. The companion app provides feedback from all its sensors in real time.

Fun Fact: This smart robot has obstacle avoidance and will only open when it's safe, and will close in inclement weather.



Robot All★Stars



Coach: CEO Adam Bry

Hometown: Skydio

Stats: Skydio 2+ has tracking, navigation and obstacle avoidance while flying and taking 4K cinematic photos and video. It has a range of up to 6km and can fly 39mph. The Beacon allows hands-free flight and a follow feature.

Fun Fact: For short distance flight, you can use your phone to control the drone. Another option is the additional Skydio Controller, which looks like a video game controller.

