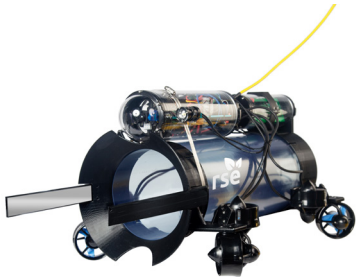


RSE ROBOT

national
robotics week

2018
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Conservator
and Explorer



RSE ROBOT

Conservator and Explorer

Coaches: Colin Angle, Erika Ebbel Angle, John Rizzi, Geoffrey Gardner & Orin Hoffman

Stats: Support conservation and exploration activities in the world's oceans.

Hometown: Robots in Service of the Environment (RSE)

Fun Fact: No fish have been harmed in the making or use of this robot.



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HONDA 3E-D18

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roboticsweek

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AI-Equipped
Platform



HONDA 3E-D18

AI-Equipped Platform

Coach: Takahiro Hachigo

Stats: Built to “empower,” to expand the possibilities of people. By replacing the upper attachment, it can perform various tasks such as fire-fighting, farm work, and sports training support. Off-road capabilities allow autonomous operation on rugged terrain like farms and mountains.

Hometown: Honda

Fun Fact: Its open-source technology platform makes it easy for global developers to build applications.



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AIBO

national
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**Robot
Pet Dog**



AIBO

Robot Pet Dog

Coach: Toshitada Doi

Stats: With its irrepressible curiosity, Aibo wants to know you and explore its environment; and understand the ways of the world.

Hometown: Sony

Fun Fact: Aibo can learn and memorize faces.



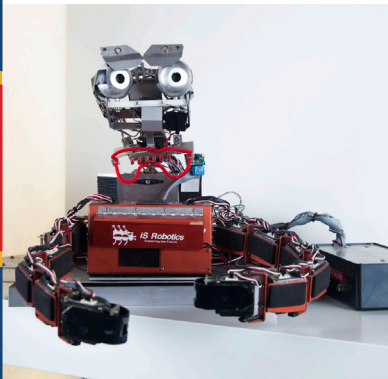
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Emotionally
Responsive
Robot



IT

Emotionally Responsive Robot

Coaches: Colin Angle, Helen Greiner, and Rodney Brooks

Stats: The first emotionally responsive robot built by iRobot, IT responded to its environment with happiness, anger, and other lifelike emotions.

Hometown: iRobot

Fun Fact: IT loved having its picture taken, but didn't like being crowded and would complain if people came too close.



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JIBO

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**Social
Robot**



JIBO

Social Robot

Coaches: Cynthia Breazeal, Brian Eberman, and Jeri Asher

Stats: Using facial recognition technology, Jibo uses a camera to remember each person in his loop. Jibo is designed to be a helpful, integrated part of day-to-day life.

Hometown: Jibo

Fun Fact: Just ask, and Jibo will take your photo!



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DOT & DASH

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**Educational
STEM Robots**



DOT & DASH

Educational STEM Robots

Coach: Vikas Gupta

Stats: Dash & Dot are responsive robots packed full of capabilities that allow them to interact with students, their environment, and each other thanks to their multiple built-in motors, sensors, LEDs and audio capabilities.

Hometown: Wonder Workshop

Fun Fact: Dash can hop around the room when it's wearing bunny ears!



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RELAY

national
roboticsweek

**2018
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**Autonomous
Delivery Robot**



RELAY

Autonomous Delivery Robot

Coaches: Steve Cousins, Tessa Lau, Izumi Yaskawa, and Robert Bauer

Stats: Relay is an autonomous delivery robot that's deployed in hotels, high rise apartment buildings, labs, and manufacturing facilities.

Hometown: Savioke

Fun Fact: Relay has completed hundreds of thousands of autonomous deliveries and can navigate elevators and crowds.



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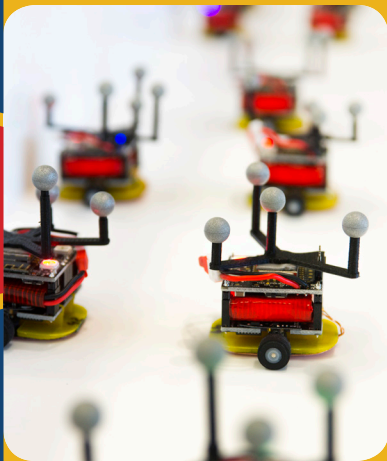


ROBOTARIUM

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Remote-
Access
Swarm
Robotics Lab



ROBOTARIUM

Remote-Access Swarm Robotics Lab

Coach: Magnus Egerstedt

Stats: The first robotics lab of its kind, the 725-square-foot Robotarium facility houses more than 100 rolling and flying swarm robots that are accessible to anyone.

Hometown: Georgia Tech GRITS Lab

Fun Fact: *The Wall Street Journal* featured the Robotarium on the its front page the week before the lab opened.



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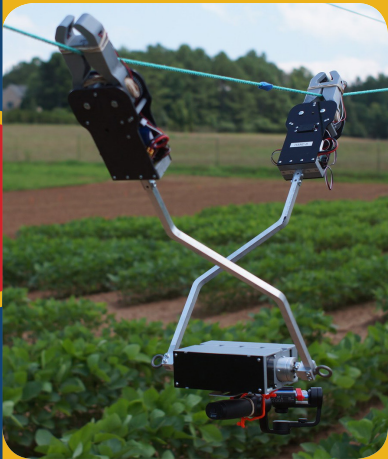


TARZAN

national
roboticsweek

2018
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**Crop
Monitoring
Robot**



TARZAN

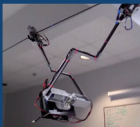
Crop Monitoring Robot

Coaches: Jonathan Rogers & Ai-Ping Hu

Stats: Tarzan swings over crops, capturing images of plants that can be analyzed with machine-learning algorithms to detect diseases or other stresses before spreading.

Hometown: Georgia Tech iREAL Lab & Georgia Tech Research Institute

Fun Fact: Someday the robot might function as a mobile scarecrow to recognize, track, and drive off pests or predators.



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GOZMO

national
roboticsweek

2018
ROBOT
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**Educational
Mobile
Robot**



COZMO

Educational Mobile Robot

Coaches: Boris Sofman, Mark Palatucci, and Hanns Tappeiner

Stats: Cozmo has a variety of sensors that allow it to see people, move objects (blocks), and navigate in the world; the API allows students to learn how to program robots to localize and navigate environments and interact with people.

Hometown: Anki

Fun Fact: Cozmo is used at Georgia Tech in a class of more than 250 students. You can find 100 Cozmos roaming around during lab hours.



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