Robots helping people…in factories!

Retrieving your purchases
(Kiva Systems)

Building your cars

Packaging your food
(Perfect Packaging)
Robots helping people...in dangerous places!

- Firefighting robot (Purdue Univ.)
- On military missions (Boston Dynamics Wildcat)
- In collapsed buildings (Aerial swarm robots, Penn Univ.)
- On the road (Stanford winner “Stanley”)
- Underground (INspector Systems)
- Underwater (Schilling Robotics)
- In space (NASA Robonaut)
Robots helping people...to have fun!

Star Tours ride (Disneyland)

Chinese New Year festival

Robot soccer competitions

Playing music (Aerial swarm robots, Penn Univ.)

BB-8 robot (Sphero)
Robots helping people…to learn from nature!

AmphiBot swimming snake (EPFL)

Robo Raven (Univ. of Maryland)

Actroid (Osaka University, Japan)

AquaJelly (Festo)

Gecko robot (Stanford University)

RoboFly (Harvard Univ., UC Berkeley)
Robots helping people...to engage with others!

Social robots for developmental disorders
(National Institute of Inform. and Comm. Tech., Japan)

Kismet and Leonardo
(MIT Media Lab)

Social robots for autism
Robots helping people...to care for themselves!

- Robot Chef
  (Moley Robotics)

- Feeding themselves
  (Kinova Robotics)

- Vacuuming
  (Roomba, iRobot)

- Assistive robot
  (Fraunhofer Inst., Germany)

- Elder care
  (RIKEN, Japan)

- Museum guide
  (Fujitsu)
Robots helping people...to be healthy and happy!

- SuitX Exoskeleton (US Bionics)
- Prosthetic legs and feet (Otto Bock C-Leg)
- Surgical Systems (Intuitive Surgical, Inc.)
- Robots for dementia therapy (Paro robot seal)
- Prosthetic arms (Univ. of Pittsburgh)