

Baxter Videos 1/19/2015

1. Meet the Baxter Research Robot (General)

http://www.youtube.com/watch?feature=player_embedded&v=G2-4WFr9-X0

2. Meet the Baxter Manufacturing Robot

- BAXTER AT WORK - THE MANUFACTURING BAXTER ARTICLE AND VIDEOS

http://www.pddnet.com/news/2015/01/freeing-next-gen-robots-their-cages?et_cid=4363801&et_rid=280856522&type=cta

- FOLD A SHIRT- The Manufacturing Baxter

https://www.youtube.com/watch?v=Mr7U9pQtwq8&feature=player_detailpage

- TRAINING THE MANUFACTURING BAXTER

https://www.youtube.com/watch?v=xoDbtw5qv_0 Train Baxter to Pick and Place

<https://www.youtube.com/watch?v=2jfcAQE8ESg> Use of Navigation Buttons and Face

3. Application of the Baxter Research Robot

- BAXTER AT CHECKOUT TO AVOID STABBING THE CUSTOMER:

[Human touch makes robots smarter: On Learning Context-Driven User Preferences](#)

- BAXTER POURS LIQUID INTO A MOVING CONTAINER:

<https://www.youtube.com/watch?v=gg0kizrag1l&feature=youtu.be>

CUSTOMER VIDEOS- The Research Baxter

[Summary of Videos as listed below](#)

http://sdk.rethinkrobotics.com/wiki/Customer_Videos

Human-Robot Interaction

- [David Using Jammster](#)
- [Magic Robot - The Illusion of the Thinking Machine](#)
- [Baxter on wheels retrieving jacket](#)
- [Baxter Robot control using body tracking with kinect](#)
- [Clothing and Unclothing Assistance by Baxter](#)
- [Using a Baxter Robot for Co-Operative Disassembly of a CPU](#)
- [Teleoperation of Baxter Robot using Phantom Omni](#)

Machine Learning

- [Human touch makes robots smarter: On Learning Context-Driven User Preferences](#)
- [Baxter Experiments for Deep Learning for Detecting Robotic Grasps](#)

Planning and Manipulation

- [Robot Motion Planning for Reactive Execution of Learned Tasks](#)
- [Baxter Coordinated Dual-Arm Force Control](#)
- [Baxter Research Robot Solves Rubik's Cube](#)
- [Human touch makes robots smarter: On Learning Context-Driven User Preferences](#)
- [Baxter Research Robot: Mimicry using Kinect](#)
- [Online human upper body imitation using BAXTER robot](#)

Manipulation and Mechatronics

- [Baxter Research Robot at WPI with Prof. Dmitry Berenson](#)
- [Optimal Parameter Identification of Flexible Objects via Manipulation](#)
- [Teleoperating Multiple Baxter Robots Using Kinect v2](#)
- [Soft Pneumatic Robot Hand](#)
- [Baxter Robot Pipetting Complete](#)
- [Packaging Demo of Baxter Robot using 2-Finger Adaptive Robot Grippers from Robotiq](#)
- [GelSight sensor gives robots touch](#)

Computer Vision

- [Happy Easter from the RRC Robotics and Automation Team](#)
- [Automated Lego Sorting](#)
- [Bartender Baxter](#)
- [Towards an Automated Checked Baggage Inspection System Augmented with Robots](#)
- [Handle Localization in 3D Point Clouds](#)
- [BAXTER Dunks A Ball](#)

- [BAXTER Sort Colored Balls - Author's View](#)
- [Baxter Perfect Colored Cube Sort](#)
- [Serving drinks with the Baxter Robot - Bottle tracking](#)

Autonomy

- [CMU Shows Off New Humanoid Robot](#)
- [Baxter Research Robot Plays Connect Four](#)
- [Baxter Research Robot: Block Stacking Demo](#)

Education and Outreach

- [Baxter Research Robot at Northwestern University](#)
- [EE C125 Final Project - Successful Run](#)
- [Virginia Beach City Public Schools Welcomes 'Baxter The Robot'](#)
- [Calibrated Baxter model in Klamp't](#)
- [Direct Teaching to Baxter](#)
- [ROS in Labview](#)