

Group	Title	Description	URL
1	Single Player Air-Hockey Table (SPAHT)	To create a robotic air hockey table that is capable of simulating the play of a human opponent, and to allow for enjoyable single player air hockey game-play	http://airhockey.hosterbox.net/wp/
2	3-D Printer: Laser Sintering of Chocolate	An SLS-type 3D printer prototype which implements low-cost laser optics and XY-stage assemblies, making use a truly novel print material: chocolate	www.chocolateprinter.wordpress.com
3	Power Assisted Cart	A power assisted cart to help transporting heavy objects	http://www.eng.uwaterloo.ca/~c24lu/
4	Ride For a Drop	Design of a portable water purification system that can be attached to any bicycle. This will help people save time and extra labour, and at the same time, get clean drinking water	http://www.rideforadrop.com/
5	The RoboCup Soccer Robots		http://warbots.ieee-sb.ca/drivetrain/
6	Location Aware Home Network (LAHN)	LAHN is a location aware smart home solution that allows home occupants to monitor, control and optimize their home electrical appliances usage through the use of mobile and web technology	http://nroviw.com/lahn/home.html
7	Palette	A customizable hardware interface, made for you, made by you	http://www.paletteui.com/
8	FretON	Simplifying the self learning process for the electric guitar through the use of an embedded teaching system	fretonfydp.wordpress.com
9	Automated Egg Washer	Design and build an automated cleaning and sorting machine for a small-scale farming operation	http://www.eng.uwaterloo.ca/~jwkurtz/
10	Auto Valet Park	Automated Valet Style Parking for Commercial and Residential Areas	www.autovaletpark.com
11	Automation of a Laparoscopic Suturing Tool	An Automated Laparoscopic Suturing Tool to be used in minimally invasive surgeries for future research with the KidsArm project at the Toronto Hospital for Sick Children	http://www.roboticsuturing.ca/

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12	Digit Kinesis	An electromechanical finger prosthetic that converts electric signals in the forearm to motion in a robotic finger	http://digitkinesis.wordpress.com/
13	iFellHelp	A small portable fall detecting device that offers automated distress calls to preregistered contacts when carrier falls	http://ifellhelp.wordpress.com/
14	myHelperBot	myHelperBot is your solution for menial and/or labor-intensive tasks	http://anselm.ca/myhelperbot/
15	HeXV	Search and Rescue Robot to replace rescue worker in rough terrain and confined space	http://www.eng.uwaterloo.ca/~c2zhu/
16	Tempo	An interactive music based using the Kinect	http://mavericklee.com/tempo/
17	iCanWalkNow	A modular, affordable, and easy-to-use add-on to make walkers and rollators safer	http://icanwalknow.blogspot.ca
18	Rehabilitative Exoskeleton	An exoskeleton gait training device for children suffering from cerebral palsy	http://rexoskeleton.com
19	Juggernaut	Automated Bench press spotter	http://juggernaut.asgon.net
20	Docking Mechanism for Self Re-configurable Robots	Robot docking mechanism which connects and disconnects two or more robots.	http://fatemehjhed.com/project/
21			http://robotics.uwaterloo.ca/projects/nasa/chassis
22		The project is an autonomous charging system for Micro Aerial Vehicles for the purposes of enabling continuous autonomous MAV operations	http://parth.ca/sisyphus

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23	REST	REST is a solution to provide consumers with insights into their sleeping habits without needing active user input	http://chriswu.me/rest/
24	EyeSound	An assistive device to help visually impaired individuals create a map of their surroundings via audible feedback	http://oculusinc.webs.com/
25	Smart Shower	Smart shower system with autonomous detection, shower head positioning, and temperature control	http://www.smartshower.ca/
26	Circlt	Printing custom PCBs has never been easier, cheaper, or quicker for hobbyists and students	www.circprint.weebly.com