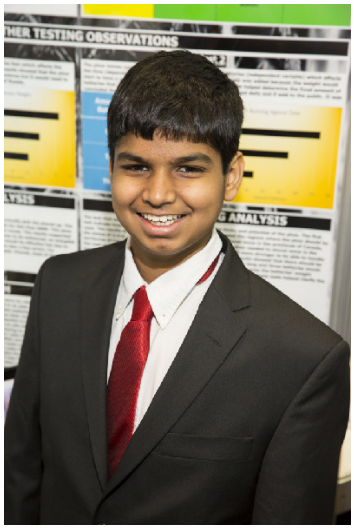
CWSF 2015 - Fredericton, New Brunswick



Anish Aggarwal

R.S.P. The Robotic Snow Plow

Challenge: Innovation
Category: Junior
Region: Windsor
City: Windsor, ON
School: Academie Ste. Cecile International
Abstract: The Robotic Snow Plow (RSP) is an innovation that uses a remotely controlled to command a robot to shovel snow (via iPhone). The RSP consists of Raspberry Pi (single-board computer) and webcams to stream a video using environmentally friendly batteries. In the future, RSP can be made autonomous using sensors will become a necessity of every household.

Biography

I am Anish Aggarwal and I am from Windsor, Ontario. I go to Ste. Cecile. I play travel basketball and my hobbies are playing sports. This is my first time at CWSF and when I am older I want to be a CEO of a company. I got the idea for this project because when I was younger I chipped my tooth while shoveling snow. Then about two years ago I saw an older man shoveling snow at ten, I went to sleep and woke up at twelve and the same man was there shoveling snow. This made me think he might have had to take a rest because of some pain he was having. I thought it was unfair for people like him to have to go through so much just to shovel snow. This made me think to make the R.S.P. and in the future I plan to make it automatic. For other students, I want to tell them that find your own problem and try you best to solve problems in the world.