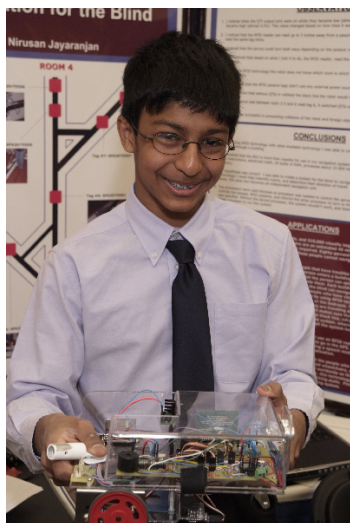


ESPC 2007 - Truro (Nouvelle-Écosse)



Nirusan Jayaranjan

Navigation for the Blind

Division: Sciences de la santé / Technologie automobile

Catégorie: Junior

Région: St. James-Assiniboia

Ville: Winnipeg, MB

École: Bruce Middle School

Sommaire: In Canada there are over 68,000 blind people, and 319,000 visually impaired. There are an estimated 45 million blind people worldwide. I wanted to create a system that would allow the blind to navigate buildings independently by using Radio Frequency Identification, Parallax BASIC stamp, and infrared sensors. I was able to create a system which allowed the blind to navigate buildings independently.

Biographie

My name is Nirusan Jayaranjan, and I attend Bruce Middle School in Winnipeg, Manitoba. The Canada-Wide Science Fair in Truro will be my second one that I will attend. I enjoy playing sports such as soccer, football, volleyball, and basketball. I will be attending Sturgeon Heights Collegiate for high school next year. I enjoy playing my alto saxophone in both concert and jazz band. I have an older brother who also attended the Canada-Wide Science Fair. I also plan on helping out with the 2009 Manitoba Host Committee for when we host the Canada-Wide Science Fair.

Prix

Valeur

Prix Innovation Petro-Canada décernés par les pairs - Junior Centre du Canada Commanditaire: Pétro-Canada	200,00 \$
Bourse d'études de l'Université Western Ontario Médaille d'argent - Bourse de début d'études de 1 500 \$ Commanditaire: Université Western Ontario	1 500,00 \$
Médaille d'argent - Technologie automobile - Junior Commanditaire: AUTO21	700,00 \$
Médaille d'argent - Génie - Junior Commanditaire: Fondation sciences jeunesse Canada	700,00 \$
Total	3 100,00 \$