CWSF 2009 - Winnipeg, Manitoba

Rami Sayar

Touchless Computing

Division: Earth & Environmental Sciences / None
Category: Senior
Region: Montreal
City: Montréal, QC
School: Vanier College

Abstract: With explosive computing growth, the keyboard and mouse have become inefficient and counterintuitive. The objective will be to develop a motion controlled human interface to specific applications in medicine, engineering and navigation. The computing world should adapt to our movements and our intentions not the other way around.

Biography

Hailing from Vanier College in Montreal, my name is Rami Sayar and I am a student in the Health Sciences. I am an active member of Science Plus at Vanier College which is an enriched science program. I plan on going into Engineering at McGill but I have interests in all aspects of science. In fact, my project is about human computer interfaces and gesture recognition, a topic of great interest to me due to its mathematical and computer science aspects. It is my attraction to science and research that led me to participate in the Science Fair and I am proud to have reached the Canada-Wide Science Fair. Furthermore, I can not wait to participate in the MILSET International Fair this summer. Throughout Science Fair, I have won many new friends; have gained unforgettable memories and unparalleled experiences.

Awards	Value
Petro-Canada Peer Innovation Award - Senior - Québec Sponsor: Petro-Canada	$200
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - $2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	$2 000
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - $2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	$2 000
The University of Western Ontario Scholarship Silver Medallist - $1500 Entrance Scholarship Sponsor: University of Western Ontario	$1 500
University of Ottawa Entrance Scholarship Senior Silver Medallist - $3000 Entrance Scholarship Sponsor: University of Ottawa	$3 000
Silver Medal - Computing & Information Technology - Senior Sponsor: Intel of Canada, Ltd.	$700
Total	$9 400