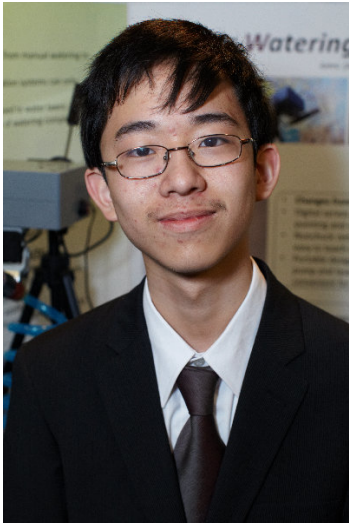


CWSF 2012 - Charlottetown, Prince Edward Island



Robotic Watering System

Challenge: Innovation

Category: Senior

Region:

City: ,

School:

Abstract: A programmable robotic watering system designed to improve on and replace current irrigation systems through its ability to recognize and water any geometric or non-geometric user-defined shapes. The technologies used include ARM7 microchip technology, digital servos, and the programming language C.

Awards	Value
Excellence Award - Senior - Silver Medal Sponsor: Youth Science Canada	\$700
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2500 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 500
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Ottawa	\$2 000
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$9 200