

CWSF 2010 - Peterborough, Ontario



Victor Ling

Self-Driving, Accident-Free Car

Division: Biotechnology

Category: Junior

Region: London District

City: London, ON

School: Orchard Park P.S.

Abstract: I created a prototype for revolutionary self-driving, accident-free cars by using two Lego Mindstorms kits. I programmed it to go to various destinations automatically by driving itself, changing lanes, making turns, stopping at obstacles (pedestrians, other cars, ...) and red traffic lights. This futuristic car can save 40,000 lives and billions of dollars each year in USA and Canada, and greatly improve people's productivity.

Biography

I'm a grade 8 student at Orchard Park Public School, and I live in London, Ontario, Canada. I enjoy playing chess, and some of my favorite subjects are math and science. This is my first time going to the CWSF, and I'm honored to have this wonderful experience. I hope to get a science or technology related job in the future.

Awards

Value

The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Automotive - Junior Sponsor: AUTO21	\$300
Total	\$1 300