CWSF 2019 - Fredericton, New Brunswick

Deven Marrero, Mikko Lorico

AutoParkade: Could this solve long parking wait times?

Challenge: Innovation
Category: Junior
Region: South Fraser
City: Surrey, BC
School: Surrey Academy of Innovative Learning
Abstract: It is a pretty well-known that parking in big cities, weekends, or just busy areas in general is a real pain sometimes, and yet there hasn't been a true solution. That is why we invented a more efficient parking system, which we named as AutoParkade. With this system, each driver is assigned their own spot in advance, greatly reducing roaming times and boosting overall efficiency.

Biographies

Deven - My name is Deven Marrero. I live in South Surrey, BC and I am a grade eight student at SAIL Academy. I have always been interested in science and technology and in my spare time I like to build small robots, program with Arduino, and design in 3D. I believe I will find a career related to one of these areas. Another thing I do in my spare time is Track and Field. I am a provincial champion in throwing, specifically in hammer and javelin. The inspiration for the Autoparkade project came when my mom was late for a business lunch because she couldn't find parking within a few blocks and was left driving around aimlessly. Further steps that I wou...

Mikko - My name is Mikko Lorico, and I am one of the contributors to the AutoParkade science project. I am 14 years old and currently enrolled in SAIL, which is a school in Surrey, B.C., that focuses on advanced education. I plan on becoming an engineer in the future at UBC, though I'm not sure yet. Currently, in my free time, I am trying to learn more unique skills such as 3D modelling, video editing, and coding with Arduino. I'm really interested in design, so while my partner, Deven, coded the model, I tasked myself to design our poster board, write the script, and design our model. We were inspired to create our idea when Deven noticed how frustr...

Awards	Value
Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - $2000 Entrance Scholarship Sponsor: Western University	$2 000
Total	$2 000

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