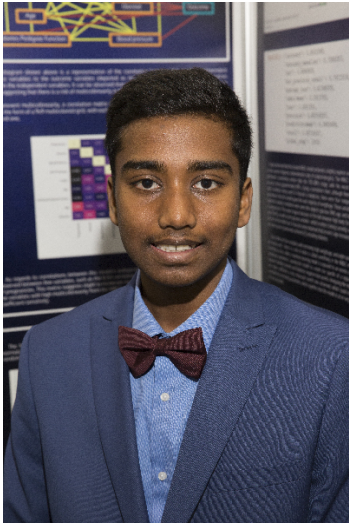


CWSF 2019 - Fredericton, New Brunswick



Aaryan Harshith

Using Artificial Intelligence to Diagnose Diabetes Early

Challenge: Innovation

Category: Junior

Region: Renfrew County

City: Pembroke, ON

School: Highview P.S.

Abstract: Diabetes is one of the most widespread chronic diseases in the world, yet millions of people are being falsely diagnosed with it. I developed an artificial intelligence to try diagnosing diabetes more accurately. If used in hospitals everywhere, I believe that this innovation has the potential to save countless lives, and billions of dollars.

Biography

I vividly remember a nine-year-old me on Canada Day - grinning ear to ear when my first Javascript program ran successfully. It was a day that gave me my first taste of curiosity and fulfilment. With a burning desire to learn more, I started to tinker with coding languages such as HTML, Javascript, ProcessingJS, Python, GML, and before I knew it, I had an almost unlimited reservoir of ideas, and the power to follow through with them. I turned to much more serious problems in the medical field, such as pneumonia, malaria, and diabetes. I realized that if I lent a hand to try and make solving these problems easier, then I would have made a huge contribution to humanity. This is what drives me to get up every day, code until I fall asleep on my desk, and do it all over again. In the future, I would love to take my AI to the market and pitch it as software to health care providers. My tip for people looking to join this fair would be to dream big, discipline yourself, put in the work, and see your project to the end. Most importantly never leave anything unfinished-

Awards

Value

The Actuarial Foundation of Canada Award - Junior Sponsor: The Actuarial Foundation of Canada	\$500
Excellence Award - Junior - Silver Medal Sponsor: Youth Science Canada	
Western University Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: Western University	\$2 000
Total	\$2 500