

CWSF 2010 - Peterborough, Ontario



Justine Williams

What's Your Password?

Division: Engineering & Computing Sciences

Category: Junior

Region: Bay Area

City: Dundas, ON

School: Sir William Osler

Abstract: People do not use secure passwords because they are difficult to remember. A computer program was written to solve this problem by generating secure passwords with a phrase to remember the password, based on a template of user choice. In the survey conducted the majority said they would use the phrase method. In conclusion, the program was successfully written and the survey showed promising results.

Biography

My name is Justine Williams and I am a grade 8 student at Sir William Osler Public School in Dundas, Ontario. My favourite subjects at school include Math, Science, Music, English and French. In my spare time, I take flute and ballet lessons. I am a member of the Senior Band at my school and the Junior Band at Highland Secondary School. At my school I am also involved in choir and was a member of the track and cross-country running teams. Some of my hobbies include stamp and coin collecting, reading, bike riding, and cross-country and downhill skiing. During the summer I play soccer in a local league. I believe in promoting a greener earth and help to do so by walking to and from school and packing a litterless lunch every day, as well as participating in my school's "Green Team."

Awards

Value

The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Silver Medal - Computing & Information Technology - Junior Sponsor: Intel of Canada, Ltd.	\$700
Total	\$2 700