

# 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