

## ESPC 2010 - Peterborough (Ontario)



### Justine Williams

#### What's Your Password?

**Division:** Génie et sciences de l'informatique

**Catégorie:** Junior

**Région:** Bay Area

**Ville:** Dundas, ON

**École:** Sir William Osler

**Sommaire:** 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.

#### Biographie

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."

#### Prix

#### Valeur

Bourse d'études de l'Université Western Ontario	2 000,00 \$
Médaille d'argent - Bourse de début d'études de 2 000 \$	
Commanditaire: Université Western Ontario	
Médaille d'argent - Sciences de l'informatique - Junior	700,00 \$
Commanditaire: Intel of Canada, Ltd.	
Total	2 700,00 \$