

# CWSF 2010 - Peterborough, Ontario



## Tim Cooper

### swn: a multi-purpose scripting language

**Division:** Engineering & Computing Sciences

**Category:** Senior

**Region:** Annapolis Valley

**City:** Wolfville, NS

**School:** Horton High School

**Abstract:** As a computer programmer, I use a variety of computer languages, with each language having a different syntax and set of features. I felt a need to create a multi-purpose scripting language that had a syntax I was familiar with combined with a useful set of features. My intention is to make the language available to other programmers, allowing my project to grow and develop.

### Biography

I am a grade 11 student at Horton High School in Wolfville, Nova Scotia. I have been writing computer programs for approximately 4 years. For the second year in a row, I was the regional winner for Eastern Canada in the University of Waterloo's Canadian Computing Competition. After high school I plan to pursue a degree in computer science. This summer I will be participating in the five-week Explore program at Université Sainte-Anne in Church Point, Nova Scotia. This is my second Canada-Wide Science Fair.

### Awards

### Value

The Manning Innovation Achievement Award Sponsor: Ernest C. Manning Awards Foundation	\$500
Dalhousie University Faculty of Science Entrance Scholarship Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: Dalhousie University, Faculty of Science	\$2 000
UBC Science (Vancouver) Entrance Award Senior Silver Medallist - \$2000 Entrance Scholarship Sponsor: The University of British Columbia (Vancouver)	\$2 000
University of Ottawa Entrance Scholarship Senior Silver Medallist - \$3000 Entrance Scholarship Sponsor: University of Ottawa	\$3 000
The University of Western Ontario Scholarship Silver Medallist - \$2000 Entrance Scholarship Sponsor: University of Western Ontario	\$2 000
Silver Medal - Computing & Information Technology - Senior Sponsor: Intel of Canada, Ltd.	\$700
<b>Total</b>	<b>\$10 200</b>