

CWSF 2009 - Winnipeg, Manitoba



Collin Fair

WireSim

Division: Earth & Environmental Sciences / None

Category: Intermediate

Region: Central Alberta

City: Carstairs, AB

School: Olds Junior Senior High School

Abstract: WireSim is a computer program that allows the average computer hobbyist to utilize the power of a computer in whatever way they want. Whatever you can imagine, you can do in WireSim. All you have to do is drop the components onto the screen then connect them however you like. Like Lego®, a few basic building blocks, unlimited applications.

Biography

Hello, my name is Collin Fair. I consider myself to be very helpful, curious, and inventive. I am fluent in a wide variety of computer programming languages (eg PHP, VB 6, Actionscript), and I am enrolled in the French course at my school. I regularly integrate hardware (ie micro controllers) with software programs. I volunteer in many school activities, such as helping staff and students with their computer related problems, helping at fundraising events, and participating in my school's mentoring program. My interests are computer programming (as hinted above), tinkering with electronic devices, biking, and swimming. My favorite magazines are Make:, Popular Science, PC World, and Consumer Reports. I have an interest in renewable energy as a way to reduce global warming. I am planning to go into a post-secondary education program that deals with computing science, networking, and engineering, and am scheming to start my own computer-related business. My main achievements are science fair related, having been in science fair grades 1-7 along with going to the regional level for the past 3 years. I also am a participant in my school's honour and jazz band programs.

Awards

Value

The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Computing & Information Technology - Intermediate Sponsor: Intel of Canada, Ltd.	\$700
Total	\$2 200