



FOR RELEASE

Investment algorithm earns Owen Sound's Cengiz Eller Manning Innovation Achievement Award at national fair

FREDERICTON, NB (May 15, 2015) – Cengiz Eller, 16, a grade 11 student at St-Dominique-Savio in Owen Sound has been named a Manning Innovation Achievement Award winner at the 54th Canada Wide Science Fair (CWSF) held this week at the University of New Brunswick campus. He received \$500 from the Ernest C. Manning Awards Foundation, and membership in a network of nationally recognized innovators. The CWSF featured 400 projects in three age categories and involved 468 finalists, representing the top one percent of science fair projects conducted across Canada this year.

Eller also won a Silver Medal of Excellence in the Senior Category.

Eller has always fancied the Science, Technology, Engineering and Math fields, along with a passion for Finance and Business, and discovered a way of incorporating many of these fields into his project *“Invest with Hal”*.

By teaching himself computer science, Eller was able to create his own automatic financial advisor using variables in his self-developed algorithm that produced as much as a 51% increase in gains in the stock market. Taking into account various indicators of the stock market, Eller was able to design his algorithm to take past and present values of various components of the industry. In total there were 8 different indicators that were also combined with specific weightings depending on what the company was. Eller explained that “the second vector was an essential part of the calculation because certain factors carried greater importance depending on the company, for example, GE, which uses a large number of natural resources was projected based heavily on the Russell 2000.”

Combining these two factors, the indicators and the weighting for each company, Eller’s algorithm was able to predict future prices on certain stocks, with a margin of error of only 0.75%.

“The caliber and ingenuity of Eller’s project is proof that age is no barrier to innovation,” said Jennifer Diakiw, President of the Ernest C. Manning Awards Foundation. “For the past 23 years, the Foundation has been celebrating outstanding young Canadians competing at the Canada Wide Science Fair. The 2015 winners are passionate and creative visionaries and we and our sponsors believe supporting them is critical to creating a culture of Canadian innovation.”

The Ernest C. Manning Awards Foundation introduced its Young Canadian Program in 1992 to recognize outstanding high-school students at the Canada-Wide Science Fair. Each year, the Manning judging team selects eight winning projects, to receive a \$500 Manning Innovation Achievement Award. From the eight, four are further honoured with the Manning Young Canadian Innovation Award, which includes a \$7,000 prize. More information about the Manning Awards is available at www.manningawards.ca, Twitter @ManningAwardsCA Facebook/ManningAwards.

-end-

For media info, photo and to interview winner:

Rosemarie Enslin, Enslin Group

403-630-8421

enslin@enslinpr.com

@RosemariePRyyc