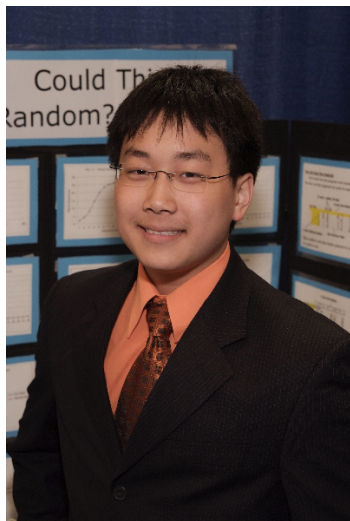


ESPC 2007 - Truro (Nouvelle-Écosse)



Eddie Kim

Could This be Random? Probably!

Division: Internationale / Aucun

Catégorie: Intermédiaire

Région: Waterloo-Wellington

Ville: New Dundee, ON

École: Cameron Heights C.I.

Sommaire: I wrote computer programs to investigate how shuffled decks approached randomness. The programs tested decks with riffle shuffles compared against random re-orderings. Statistical analysis of the decks revealed that it took three shuffles to have the majority of cards equally likely to appear in any location, whereas it took seven shuffles to have the majority of deck combinations equally likely.

Biographie

My name is Eddie Kim. I am 14 years old, and I currently attend the Cameron Heights Collegiate Institute IB program. In school, I am involved in a number of activities, namely, the Debate team and Intermediate Band (I play the flute). I don't live directly in Kitchener-Waterloo, so I don't often have a chance to help out around the community. However, I do enjoy volunteering when there is a chess-related event going on, as chess is one of my hobbies. I am also a fan of the card game "Magic: The Gathering." My other main hobby is Tae Kwon Do, in which I am currently a senior red-blue belt. Throughout high school, I plan to study computers, all three strands of science, and math. However, I am currently unsure of any plans for post-school life. All I know now is that I don't want to work in a cubicle.

Prix

Valeur

Bourse d'études de l'Université Western Ontario	1 000,00 \$
Médaille de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	
Médaille de bronze - Sciences physiques et des mathématiques Intermédiaire Commanditaire: Encana Corporation	300,00 \$
Total	1 300,00 \$