ESPC 2019 - Fredericton (Nouveau-Brunswick)

Lénárd Grossmann

Intelligent Architecture ? Can AI predict architecture that makes us happy?

Défi: Innovation
Catégorie: Sénior
Région: Edmonton
Ville: Edmonton, AB
École: Argyll Home School Centre
Sommaire: Applying current methods of Data Science, an Artificial Neural Network(ANN) is built, trained and tested on data from my own online survey, to define a framework investigating the happiness of residential building occupants. This helps to find out how architectural features truly affect our wellbeing, suggesting a procedure that integrates into the architectural design process, to predict a "happy-client" outcome.

Biographie

I am 15 years old, of German-Hungarian descent, and moved to Edmonton, Alberta in 2011. I enjoy playing chess, piano and classical guitar, doing ikebana, drawing, modeling, and programming. I speak five languages and am interested in architecture, the arts, and the sciences, of course. Recently I got to participate in the novelty 2019 Architecture Workshop, at the DIALOG Edmonton Office. At my first regional science fair in 2014, I won the RASC Astronomy Award for a study on Supernova Remnants, and have been actively participating at the science fairs ever since. I am ecstatic to have been part of Team Edmonton for the 2015 CWSF in Fredericton and also 2017 in Regina.

Prix	Valeur
Prix d'excellence - Senior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	
Bourse d'admission de l'Université d'Ottawa Médaillé de bronze, sénior ? Bourse d'admission de 1 000 $ Commanditaire: Université d'Ottawa	1 000,00 $
Bourse d'études de Western University Médaillé de bronze - Bourse d'admission de 1 000 $ Commanditaire: Université Western	1 000,00 $
Total	2 000,00 $