

NSERC USRA Summer 2016

Professor: Hadi Salmasian

First Project

Title: A combinatorial/probabilistic experiment with a variation of Solitaire.

Brief overview: The goal of this project is to examine the effectiveness of a number of winning strategies for a variation of the standard game of Solitaire. Familiarity with the basic concepts of probability theory is required to understand the mathematical side of the project. More important, however, is advanced computer programming skills (as well as knowing how to play the standard Solitaire!). I expect the final result of the project to be a bug-free computer program which is visually appealing and produces the desired analytic results. Further details on the project will be provided during an appointment. If you can, please be prepared to present a sample computer program that you have written yourself during the appointment.