

COSC150: Scientific Investigations Using Computation  
A Gallery of N-Body Models  
Spring 2021

1. Game of Life: Configuration evolves in response to ENVIRONMENT:

- a. Interactivate (right-click(PC) or cntl-click (mac) to open in new tab):

<http://www.shodor.org/interactivate/activities/LifeLite/>

- b. Excel (right-click(PC) or cntl-click (mac) to download):

<http://webs.wofford.edu/panoffrm/COSC150/GameOfLife.xlsx>

2. GalaxSee: Movement caused by sum of pair-wise FORCES

Javascript (right-click(PC) or cntl-click (mac) to open in new tab):

<http://shodor.org/~aweeden/galaxseeJS/>

3. SimSurface: Configuration evolves to minimize total system ENERGY

Javascript (right-click(PC) or cntl-click (mac) to open in new tab):

<http://shodor.org/~aweeden/simsurfaceJS/>