**Adventures in combinatorics?**

I graduated from U.C.F in 2017 with a degree that was biology based and not math based. It was my interest in biological and molecular systems made me interested in computational systems.

The computational systems that I am interested in are physical and tangible; and thus, I have explored computation through combinatorial board games.

The combinatorial game that I have been focusing on is the ancient African board game of oware. This game entails the shifting of seeds in holes in which the objective is capturing the opponent’s seeds.  From this game, comes many interesting patterns of logic and mathematical play.

Through my personal play with this game, I have created a variation that could have practical applications in machine learning. My specialty is not math, but I will like to discuss with anyone interested, the potential of my oware game variation being a form of combinatorial optimization.