

# Team Contract:

## Project Focus:

This Project will be focused around an interactive application designed to explore multiple-neighborhood cellular automata and competition of cellular automata rules in a configurable environment. The application is planned to be designed to allow for configurable rule sets, with the ability to add and configure multiple competing rulesets, as well as neighborhood shapes and sizes. The aim is to be able to use this application to explore the field of cellular automata as it relates to both the simulation of ecological competition and artistic merit of discovering new and interesting configurations and emergent patterns.

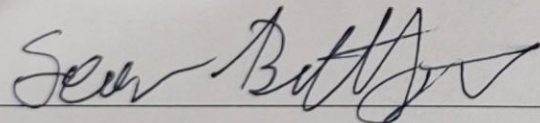
## Project Setup:

As this team only consists of one team member, team meetings aren't applicable, although time will be set aside each week (planned for Mondays), to work on this project, alongside other school/coursework.

The project will be public hosted on GitHub at <https://github.com/SeanButters/Cytomachia>

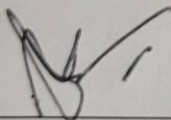
## Team Member(s):

- Sean Butterfield (CS) | [buttersn@mail.uc.edu](mailto:buttersn@mail.uc.edu)
  - Roles: Lead developer, planner



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Faculty Advisor: Dr. Badri Vellambi



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