

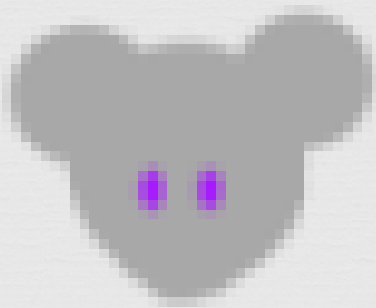
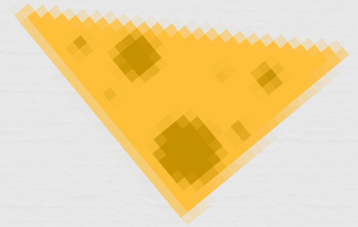


Dana Hagan  
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# Tohru's Kitchen



- ☞ Cat & Mouse simulation
- ☞ Simulate natural population factors
- ☞ Natural evolution

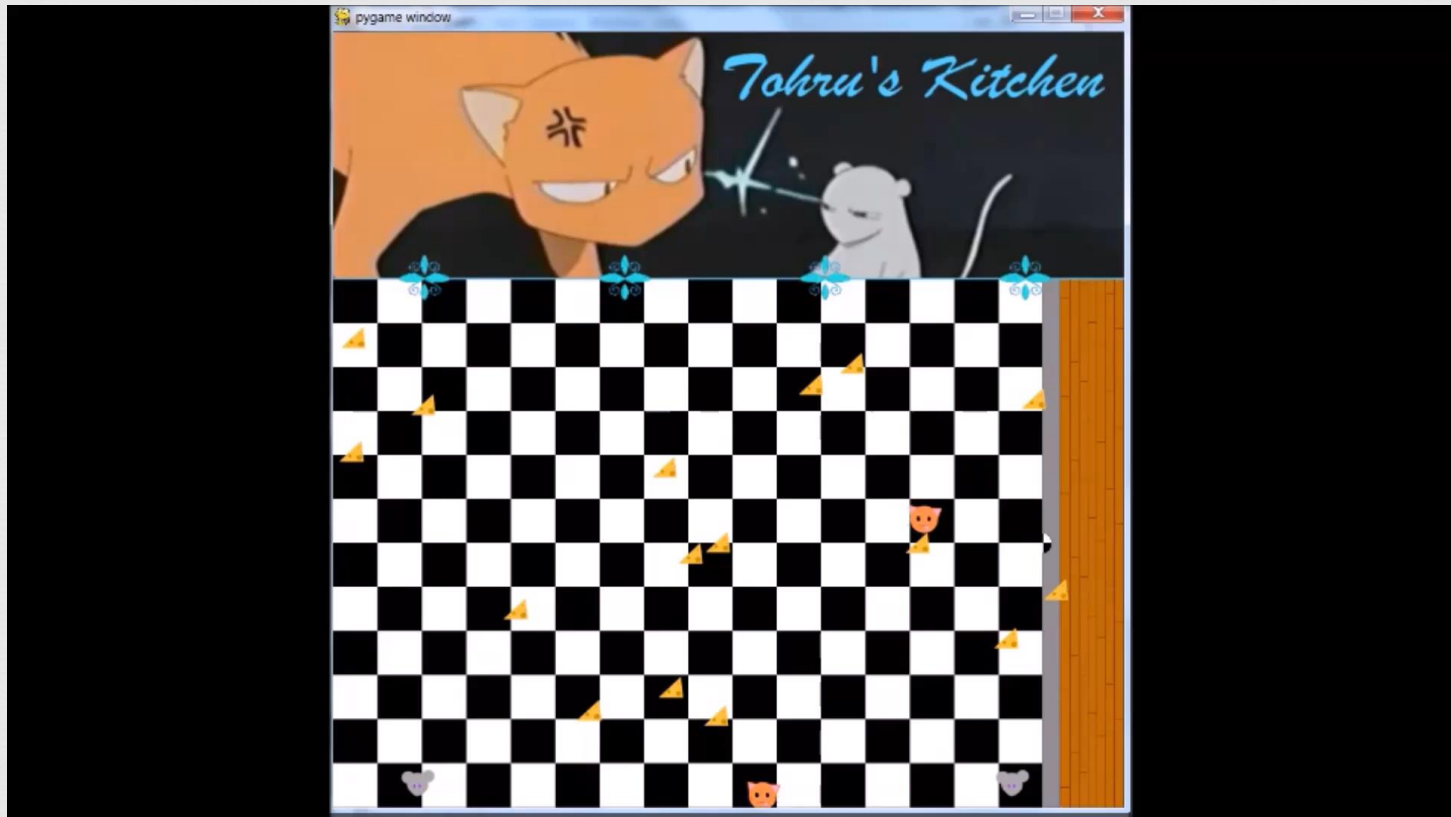


# Implementation



- ❧ ANN: Mice Movement
  - ❧ Inputs: Current location, location of cheese
  - ❧ Outputs: Direction to move
- ❧ Evolving through breeding
- ❧ Fitness Function is life score

# Current State



# Future Plans



- ❧ Cats
- ❧ Hunger timer
- ❧ Breeding Timer
- ❧ Death
- ❧ Icon changes during death
- ❧ Eating disability
- ❧ Mouse hole
- ❧ Cat fight
- ❧ Genders
- ❧ “Choose your side” – Influencing evolution
- ❧ Other Fruits Basket members