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- 1. A physics simulator that allows the user to build a structure of different materials, then set the structure on fire and see how the fire would spread.
- 2. A sculpting program that allows the user to create 3D sculptures out of sand, but the sculptures disintegrate and collapse as the sand dries.
- 3. A build-your-own-pinball-machine game that allows the user to drag and drop components onto a pinball surface, then with play the resulting table.
- 4. A flight simulator through the eyes of a fly.
- 5. A game where the user plays as a spider building webs to capture insects.
- 6. A farming simulator where the user chooses what crops to plant based on crop values, growing conditions, and (crucially) the long-term health of the soil.
- 7. A visual experience that employs a questionnaire to estimate the user's life expectancy, then simulates the user's aging, death, and decomposition process with image processing on a photo of the user's face.
- 8. An online multiplayer board game that simulates the boom and bust of the subprime mortgage market.
- 9. A 2D drag-and drop sandbox Rube Goldberg device builder.
- 10. A Contra-style 2D shooter where the main character is a unicorn who shoots rainbows that turn vicious monsters into friendly woodland critters.
- 11. A puzzle game where the object is to transmit and reflect beams of colored light from one location to another.
- 12. A science-fiction themed tower defense game.
- 13. A series of animations that use recursive functions to create fractal imagery.
- 14. A Pacman-like maze chase game where the main character eats junk food and grows larger and larger until it gets stuck in the maze.
- 15. A reflex-based "drinking" game that becomes harder play as the user progresses because the game simulates the player getting drunker with blurriness and dizzying movements.
- 16. A modern version of the "love tester" that uses an Arduino and sensors to measure hand temperature and sweatiness.
- 17. A poker game played versus AI opponents.
- 18. A turn-based combat game where teams of turtles navigate varying terrain and use an arsenal of weapons to eliminate each other.
- 19. A mini-golf game with an 18-hole course.
- 20. An interactive virtual aquarium that the user can stock with different ocean creatures and plants that will eat each other, procreate, fight, and otherwise interact.
- 21. A procedural image generator that takes tweets as input.

- 22. A collection of data visualizations for various measures of wealth across the globe.
- 23. A visual experience that presents the user with a grid filled with word, uses eye-tracking to detect which words the user is looking at, and display pictures and videos relating to those words.
- 24. A two-player curling video game.
- 25. An Android app that changes the user's phone background to a different Polish film poster each day.
- 26. A navigable map of the night sky that displays major constellations and provides more information about significant stars when the user clicks on them.
- 27. An application that includes a catalogue and map of zoo camera feeds that can be searched by location, species, and habitat.
- 28. A digital clock with a variety of nonstandard (e.g. geometric, abstract) faces.
- 29. A visual experience where procedurally-generated critters chase a user-controlled ball.
- 30. An Android sleep-aid app that uses white-noise to help the user sleep and increasing screen brightness to wake the user up gently.
- 31. A 3D Lego-style block-building program.
- 32. A program for practicing the Hymlich maneuver and CPR chest compressions using a dummy with pressure sensors to compare placement, timing, and pressure of compressions against recommendations.
- 33. An interior-design program where the user can recreate their floorplan and enter the dimensions of their pieces of furniture to plan their furniture placement.
- 34. A royalty-breeding simulator where the user chooses marital pairings based on wealth, power, influence, and the threat of genetic disorders from rampant inbreeding.
- 35. An Android exercise-tracking app with step-counter.
- 36. A martial-arts fighting game where all the fighters are feeble old men.
- 37. A virtual pet-style simulator in which the user tries to keep a man from leaving his couch by fulfilling his desires without him exerting any effort.
- 38. A digital plant that changes species depending on temperature, humidity, and light sensor data from a connected Arduino.
- 39. A 3D simulation in which the user peels fruits and vegetables by using gestures to manipulate their placement and orientation against a stationary peeler.
- 40. A first-person spaceflight simulator controlled using the analog joysticks on an Xbox gamepad.
- 41. A turn-based strategy game that pits robots versus dinosaurs versus aliens.
- 42. An interactive map of human anatomy in multiple layers (i.e. skin, muscle, organs, skeletal).
- 43. A design-your-own-sneaker program where the user can select different designs, shapes, colors, laces, etc.
- 44. A digital wardrobe that takes pictures of the user's clothing as input and can be used to dress the player's avatar.

- 45. A Katamari-Damacy-style game where the user rolls a snowball around snowy terrain in order to make it as large as possible in a limited time.
- 46. An Android DJ app that allows the user to spin, scratch, and mix two mp3s by manipulating virtual turntables with the phone's touchscreen.
- 47. A customizable virtual garden that can be set to the dimensions of a real plot and be used for planning the planting.
- 48. A virtual chemistry lab where the user can mix different chemicals and observe the reactions.
- 49. A cat makeover application, where the user can choose a digital cat and deck it out with different haircuts, cat clothes, and even makeup.
- 50. A Mr. Potato Head-style application where the users build their own monsters.