Computing Innovations Brainstorming List

1. Animation tools--most software would count, active styluses would count (but not passive styluses)
2. GPS trackers and identifiers for animals
3. Nest Protect (smoke alarm)
4. Facial Recognition software (Net Generation Identification)
5. News apps
6. Autonomous Driving, Self-Driving Cars.
7. Games like Angry Birds and Minecraft
8. Video Editors: FinalCutPro, Windows Movie Maker, iMovie
9. Video game systems: Xbox, PS4
10. Virtual Reality (VR)
11. Augmented reality (AR)
12. Refrigerators with computerized settings and chips, specifically ones that can let you view the inside of your fridge remotely
13. Photo editing software like Adobe Photoshop
14. Roomba Robot Vacuum
15. Google Ads
16. Facetime (and other VoIPs)
17. Nest, Apple Homekit, Amazon Echo, Google Home
18. Stubhub
19. Google Chrome browser
20. Apps that let you edit pictures to try new room designs/remodeling/fashion/etc
21. Motion capture technology in video games like the Xbox Kinect
22. Headphones (Not the standard plug-in ones, but perhaps the programmable ones with bluetooth chips, etc)
23. Hard drive
24. LCD monitors? (Some are “smart” with chips, coloring features, etc… looking for software not hardware features here)
25. Google Glass
26. Bluetooth
27. Apple Watch
28. Automated alerts for hazardous weather, amber alerts, etc., sent to cell phones
29. GPUs
30. Draw Pads for graphic design
31. MP3 players, iPod Shuffle
32. Webcams and live home feeds for home securityor similarly, Nanny cams and baby cameras for remote monitoring of a baby(ones that record/store videos on server)
33. Amazon--I’d make this more specific, it’s shopping cart and payment system, yes. It’s logo, no.
34. Instacart
35. Surgery robots and camera? (Some specific tools are, some are not. The modern laproscope yes, the original, no.)
36. Pacemaker
37. Spit analysis high-tech DNA sequencer (like 23andMe)
38. Genomic sequencers (generally yes, but early DNA sequencing was manual not automated and might not count)
39. Health trackers: Apple Watches, FitBits, Samsung watches, Garmin Vivoactive 3
40. MRI scans as they are currently done
41. Lettuce Bot for agriculture
42. Facebook and social media
43. Email
44. Smartphones: IOS, Android phone
45. Online tests and grading
46. Learning Management Systems (LMS) like Canvas and Schoology
47. Online calculators like desmos.com or calculator.com or math apps (Photomath, Wolfram Alpha)
48. Online meeting platforms: Zoom, Skype, Adobe Connect, Join.Me, Blackboard
49. Weather predicting software
50. Uber, Lyft apps
51. GPS
52. Google Maps
53. Trains controlled via computers rather than conductors (like some NY subways)
54. Tire Pressure Monitoring System (TPMS)
55. Flight Planners (computers which route airplanes)
56. Segways
57. Houzz for interior design
58. 3D Printing
59. Technical drafting with AutoCad and Autodesk Inventor
60. Computer-aided manufacturing (CAM)
61. Machine learning algorithms for political campaigning, polling and analyzing their target demographics on social media? (Maybe not the algorithms alone, but a program that implements them)
62. Facial recognition software to track criminals
63. Fingerprint scanners and databases to store and match the fingerprints
64. Robotic “soldiers” / drones
65. Robots that disarm bombs
66. Computer controlled planes for reconnaissance