Tech Terms for the Layperson

- AI - the simulation of human intelligence processes by machines.
- ChatGPT - Many are using this tool instead of doing google searches to learn or get answers to questions. It is the most widely-used LLM, this one has 180.5 million users today.
- Digital Twin - A digital twin of a city is an advanced computer model that replicates a city's physical layout, systems, and dynamics in a virtual environment for the purposes of urban planning.
- Immersive Technology - Immersive technology refers to technology that blurs the line between the physical world and digital or simulated world, making it easier to feel like you're really in a different reality or playing with something simulated in your environment. Can include VR and AR, 360 degree video, and/or haptic and tactile feedback.
    - Virtual Reality (VR): VR completely immerses users in a fully artificial environment. Using VR headsets and sometimes motion tracking technology, users can interact with a 3D world that's completely detached from the real one.
    - Augmented Reality (AR): AR overlays digital information on the real-world environment. Unlike VR, AR does not create a fully immersive virtual world, but enhances the real world with digital details. This can be experienced through devices like smartphones, tablets, or AR glasses.
    - Haptic Feedback: This technology adds a tactile element to the immersive experience, allowing users to 'feel' digital objects or receive physical feedback from virtual interactions.
- Large Language Model (LLM) - Trained on the entire internet of text, it's an advanced AI model that answers questions based on predicting the next words, sentences and phrases.
- Quantum Computing - supercomputers that use quantum mechanics to solve complex problems traditional computers cannot solve.

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