# AI Development Timeline

Fei-Fei Li launches ImageNet, a large-scale visual database for object recognition.

Apple released Siri, the first popular virtual assistant.

Jeff Dean and Andrew Ng at Google trained a neural network to recognize cats.
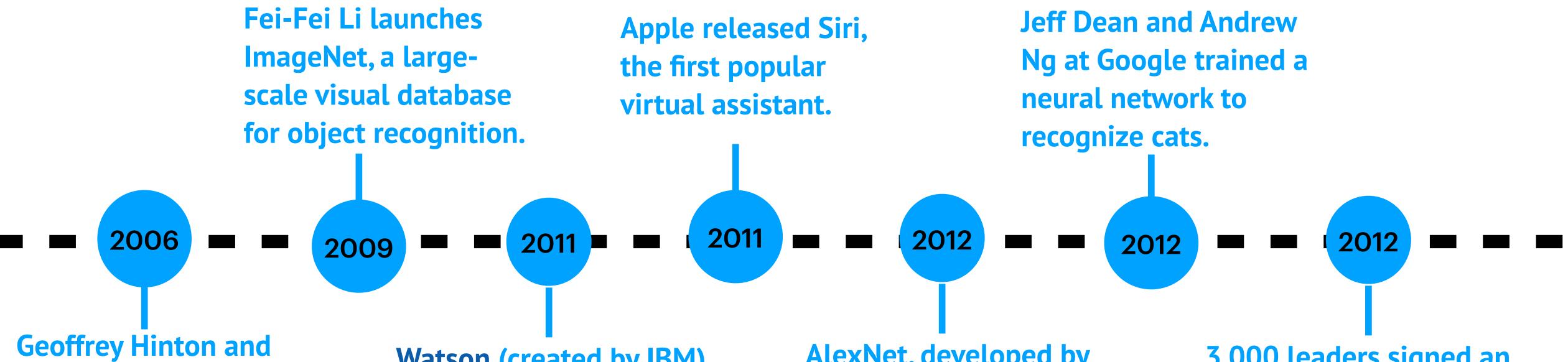
**2006**

**2009**

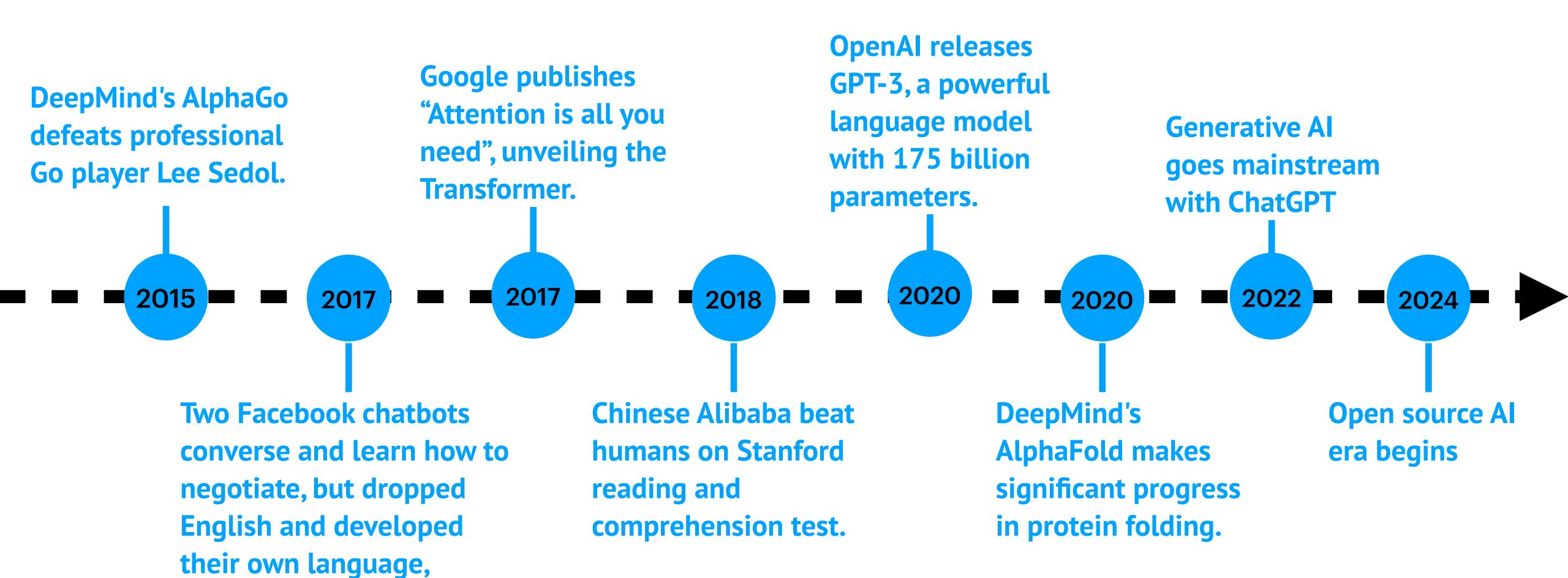**2011**

**2011**

**2012**

**2012**

**2012**

Geoffrey Hinton and colleagues publish a paper on deep belief networks, sparking renewed interest in neural networks.

Watson (created by IBM) won Jeopardy against two former champions in a televised game.

AlexNet, developed by Alex Krizhevsky, Ilya Sutskever, and Geoffrey Hinton, wins the ImageNet competition.

3,000 leaders signed an open letter to the worlds' government systems banning the use of autonomous weapons in war.

# AI Development Timeline

**DeepMind's AlphaGo defeats professional Go player Lee Sedol.**

**Google publishes "Attention is all you need", unveiling the Transformer.**

**OpenAI releases GPT-3, a powerful language model with 175 billion parameters.**

**Generative AI goes mainstream with ChatGPT**

**2015**

**2017**

**2017**

**2018**

**2020**

**2020**

**2022**

**2024**

**Two Facebook chatbots converse and learn how to negotiate, but dropped English and developed their own language, completely autonomously.**

**Chinese Alibaba beat humans on Stanford reading and comprehension test.**

**DeepMind's AlphaFold makes significant progress in protein folding.**

**Open source AI era begins**