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Ben Goertzel

Ben Goertzel is an artificial intelligence researcher, CEO and founder of SingularityNET[1], leader of the OpenCog Foundation[2], and the AGI Society[3], and chair of Humanity+[4]. He helped popularize the term 'artificial general intelligence'.[5]

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Ben Goertzel	
Goertzel after giving a talk at the 2009 Humanity+ Summit in Irvine, California	
Born	8 December 1966
Occupation	CEO and founder of SingularityNET
Website	goertzel.org (https://goertzel.org/)

Early life and education

Three of Goertzel's Jewish great-grandparents emigrated to New York from Lithuania and Poland.[6] Goertzel's father is Ted Goertzel, a former professor of sociology at Rutgers University.[7] Goertzel left high school after the tenth grade to attend Bard College at Simon's Rock, where he graduated with a bachelor's degree in Quantitative Studies.[8] Goertzel graduated with a PhD in Mathematics from Temple University under the supervision of Avi Lin in 1990, at age 23.[9]

Career

Goertzel is the CEO and founder of SingularityNET, a project combining artificial intelligence and blockchain to democratize access

to artificial intelligence.[10] He was a Director of Research of the Machine Intelligence Research Institute.[11] He is also chief scientist and chairman of AI software company Novamente LLC; chairman of the OpenCog Foundation; and advisor to Singularity University.

Goertzel was the Chief Scientist of Hanson Robotics, the company that created Sophia the Robot.[12]

Views on AI

Dr. Goertzel is a leading developer of the OpenCog framework for artificial general intelligence. He has published many technical papers on the OpenCog architecture [13].

In May 2007, Goertzel spoke at a Google tech talk about his approach to creating artificial general intelligence.[14] He defines intelligence as the ability to detect patterns in the world and in the agent itself, measurable in terms of emergent behavior of "achieving complex goals in complex environments".[15] A "baby-like" artificial intelligence is initialized, then trained as an agent in a simulated or virtual world such as Second Life[16] to produce a more powerful intelligence.[17] Knowledge is represented in a network whose nodes and links carry probabilistic truth values as well as "attention values", with the attention values resembling the weights in a neural network. Several algorithms operate on this network, the central one being a combination of a probabilistic inference engine and a custom version of evolutionary programming.[18]

Ben Goertzel at Brain Bar

The 2012 documentary *The Singularity* by independent filmmaker Doug Wolens showcased Goertzel's vision and understanding of making artificial general intelligence.[19][20]

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See also

- Artificial general intelligence
- Paraconsistent logic

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External links

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- SingularityNET (https://singularitynet.io)