

Wikipedia zu AlphaGo

AlphaGo

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AlphaGo is a [computer program](#) that plays the [board game Go](#).^[1] It was developed by [Alphabet Inc.](#)'s [Google DeepMind](#) in London.

In October 2015, AlphaGo became the first [computer Go](#) program to beat a human [professional Go player](#) without [handicaps](#) on a full-sized 19×19 board.^{[2][3]} In March 2016, it beat [Lee Sedol](#) in a [five-game](#)

[match](#), the first time a computer Go program has beaten a [9-dan](#) professional without handicaps.^[4] Although it lost to Lee Sedol in the fourth game, Lee resigned the final game, giving a final score of 4 games to 1 in favour of AlphaGo. In recognition of the victory, AlphaGo was awarded an honorary 9-dan by the [Korea Baduk Association](#).^[5] The lead up and the challenge match with Lee Sedol were documented in a documentary film also titled *AlphaGo*,^[6] directed by Greg Kohs. It was chosen by [Science](#) as one of the [Breakthrough of the Year](#) runners-up on 22 December 2016.^[7]

At the 2017 [Future of Go Summit](#), AlphaGo beat [Ke Jie](#), the world No.1 ranked player at the time, in a [three-game match](#). After this, AlphaGo was awarded professional 9-dan by the [Chinese Weiqi Association](#).^[8] After the match between AlphaGo and Ke Jie, AlphaGo retired while DeepMind continues AI research in other areas.^[9]

AlphaGo uses a [Monte Carlo tree search](#) algorithm to find its moves based on knowledge previously "learned" by [machine learning](#), specifically by an [artificial neural network](#) (a [deep learning](#) method) by extensive training, both from human and computer play.^[10]



Erwartungen von **Lee Sedol** (2016)



위풍당당
영웅들의 귀환!
2012 삼성화재배



1국 바둑 총평

이세돌 역전의 기회가 한번 있었는데 그걸 놓쳤고

Ausbildung von **Lee Sedol**



[in Korean]
It's okay to lose,

Lee Sedol wirkt nervös

