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"Chinook"

• Created by computer scientists from the University of Alberta to play checkers (draughts) in 1989.



- In 2007, the team led by Jonathan Schaeffer announced that Chinook could never lose a game. Checkers had been solved!
- Chinook's algorithms featured:
 - a library of opening moves from games played by grandmasters
 - a deep search algorithm
 - a good move evaluation function (based on piece count, kings count, trapped kings, player's turn, "runaway checkers", etc.)
 - an end-game database for all positions with eight pieces or fewer. and other minor factors.
- Is Chinook intelligent?

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25







"Watson"



- IBM's "Watson" computer beats champions Ken Jennings and Brad Rutter in a 2-game match on Jeopardy! in 2011.
- Watson parsed clues into different keywords and fragments.
- Watson had 4TB of data content but was not connected to the Internet during the game.
- Watson executed 1000s of proven language analysis algorithms concurrently. The more algorithms that pointed to the same answer, the more confident Watson was and the more likely it would buzz in.
- Is Watson intelligent?

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29