Hang The D.J.

Better Dating Through Computational Intelligence

Infinity, Probability, Time

- Computational Intelligence
- Infinite Monkey Theorem
- Anthropic Principle
- Evolutionary Algorithms

Success Heuristics

- Score-Based *(i.e.* Similarity Search*)*
- **Goal-Based** *(i.e.* Natural Selection*)*

Time Complexity

- O(N^2) (Exponential Time Complexity)
- Given 10 *Accounts* / 1000 *Simulations Per Account*
  - 10,000 *Simulations Per User Query*
  - 100,000 *Total Simulations*
- Given 1,000,000 *Accounts* / 1000 *Simulations Per Account*
  - 1,000,000,000 (1 Billion) *Simulations Per User Query*
  - 1,000,000,000,000,000 (1 Quadrillion) *Total Simulations*

*Population of USA in 2016 was 323 million.

*In 2014 the "Tinder" App had 50 million users worldwide.