**Hang The D.J.**

*Better Dating Through Computational Intelligence*

**Infinity, Probability, Time**

* [Computational Intelligence](https://en.wikipedia.org/wiki/Computational_intelligence)
* [Infinite Monkey Theorem](https://en.wikipedia.org/wiki/Infinite_monkey_theorem)
* [Anthropic Principle](https://en.wikipedia.org/wiki/Anthropic_principle)
* [Evolutionary Algorithms](https://en.wikipedia.org/wiki/Evolutionary_algorithm)

**Success Heuristics**

* Score-Based *(i.e.* [Similarity Search](https://en.wikipedia.org/wiki/Similarity_search)*)*
* **Goal-Based** *(i.e.* [Natural Selection](https://en.wikipedia.org/wiki/Natural_selection)*)*

**Time Complexity**

* O(N^2) ([Exponential Time Complexity](https://en.wikipedia.org/wiki/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.***