

Test Queries (20):

1. professor pattis
 - Before: Poor output due to no implementation of ranked retrieval in milestone 2.
 - After: Implementation of cosineScore now outputs appropriately ranks the relative link <https://www.ics.uci.edu/~pattis/> the highest.
2. Donald bren school of information and computer science
 - Before: Slow output of results (<40s) due to length of the query.
 - After: Fast computation time of results due to addition of nested dictionaries and removal of stop words from query.
3. Master of software engineering
 - Before: Slow output of results (<40s) due to length of the query along with poor relevance.
 - After: Fast computation time of results due to addition of nested dictionaries and removal of stop words from query. Ranked retrieval also ranks relevant link (<https://www.ics.uci.edu/grad/degrees/index>) as highest
4. Computer
 - Before: Outputs many urls lead to very similar webpages.
 - After: Addition of simhash to remove exact duplicates leads to a lot less redundancy of results
5. Denmar Feliciano
 - Before: KeyTerm error
 - After: Checked if term existed in any of the documents before trying to access the postings list for a term that does not exist.
6. Artificial intelligence
 - Before: Redundant results.
 - After: Addition of simhash to remove exact duplicates leads to a lot less redundancy of results
7. Machine learning
 - Before: Redundant results.
 - After: Addition of simhash to remove exact duplicates leads to a lot less redundancy of results
8. Compsci 171
 - Before: Poor ordering of results due to lack of ranked retrieval.
 - After: Addition of ranked retrieval now brings the course webpage to the forefront of the results.
9. Eric Mjolsness

- Before: Poor ordering of results due to lack of ranked retrieval.
- After: Addition of ranked retrieval now gives Eric Mjolness's personal site a higher ranking over a faculty list page from the CS Department

10. David Kay

- Before: Poor ranking of results due to lack of ranked retrieval
- After: Addition of ranked retrieval now brings his course site to the forefront of results.

11. Graph Traversals

- Before: Poor ranking of results due to lack of ranked retrieval
- After: Addition of ranked retrieval now brings course notes on graph traversals higher up on the results

12. lcs 33

13. Cyber security

14. henry samueli school engineering

15. Barack Obama

16. Middle earth

17. Information retrieval

18. Compsci 161 lecture

19. Donald bren hall

20. Donald bren student ambassadors