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Assignment 3: M2 Report

Top 5 URLs for each of the 4 queries:

1. cristina lopes

- a. <https://www.informatics.uci.edu/explore/faculty-profiles/cristina-lopes/>
- b. https://www.ics.uci.edu/community/news/notes/notes_2010.php
- c. <https://www.informatics.uci.edu/lopes-honored-with-2017-aito-test-of-time-award/>
- d. <https://www.informatics.uci.edu/lopes-analyzes-big-code-with-funding-from-darpa/#content>
- e. <https://www.informatics.uci.edu/lopes-featured-speaker-at-2016-opensimulator-community-conference/>

2. machine learning

- a. <https://www.ics.uci.edu/~welling/publications/publications.html>
- b. <https://www.ics.uci.edu/faculty/index.php>
- c. <https://www.ics.uci.edu/~ics1c/hw4/33.html>
- d. <https://www.ics.uci.edu/faculty/index.php?department=Computer%20Science>
- e. <https://www.cs.uci.edu/faculty/>

3. ACM

- a. https://www.ics.uci.edu/~gmark/Home_page/Publications.html
- b. <https://www.ics.uci.edu/~chenli/sigmod07ugrad/>
- c. <https://www.ics.uci.edu/~mlevorat/bio.html>
- d. <https://ngs.ics.uci.edu/author/ramesh/page/181/>
- e. <https://ngs.ics.uci.edu/blog/page/181/>

4. master of software engineering

- a. <https://www.ics.uci.edu/~rickl/courses/cs-171/2015-wq-cs171/CS-171-WQ-2015.htm>
- b. <https://www.ics.uci.edu/~neno/vita/vita.html>
- c. <https://www.ics.uci.edu/~rickl/courses/cs-171/2016-wq-cs171/CS-171-WQ-2016.htm>
- d. <https://mswe.ics.uci.edu/>
- e. <https://www.ics.uci.edu/grad/degrees/>

Screenshots of the search interface:

```
Loading cached IDF scores...
✓ IDF scores loaded from cache
Loading all partial indexes into memory...
✓ Loaded 11 partial indexes into memory
✓ Search engine ready! Loaded in 161567.96ms
✓ Total documents: 51256
✓ Total terms: 1093306

INTERACTIVE SEARCH
Enter queries to search (or 'quit' to exit)

Search query: machine learning
Query: 'machine learning'
Query time: 130.13ms
=====
Found 10 results:

1. Score: 429.0884
   URL: https://www.ics.uci.edu/~welling/publications/publications.html

2. Score: 286.6181
   URL: https://www.ics.uci.edu/faculty/index.php

3. Score: 175.4546
   URL: https://www.ics.uci.edu/~ics1c/hw4/33.html

4. Score: 160.2132
   URL: https://www.ics.uci.edu/faculty/index.php?department=Computer%20Science

5. Score: 160.2132
   URL: https://www.cs.uci.edu/faculty/

6. Score: 160.2132
   URL: https://www.ics.uci.edu/faculty/faculty_dept?department=Computer%20Science

7. Score: 135.9076
   URL: https://cml.ics.uci.edu/category/aiml/#content

8. Score: 114.9913
   URL: https://www.ics.uci.edu/~rickl/courses/cs-171/2016-fq-cs171/CS-171-FQ-2016_20160919.htm

9. Score: 114.9913
   URL: https://www.ics.uci.edu/~rickl/courses/cs-171/0-ihler-2016-fq/Lectures/Lathrop/CS-171%20Fall%20Quarter%202016.htm

10. Score: 114.9913
    URL: https://www.ics.uci.edu/~rickl/courses/cs-171/2016-fq-cs171/CS-171-FQ-2016_draft.htm
```

```
Search query: cristina lopes
Query: 'cristina lopes'
Query time: 44.07ms
=====
Found 10 results:

1. Score: 66.5248
   URL: https://www.informatics.uci.edu/explore/faculty-profiles/cristina-lopes/

2. Score: 60.8361
   URL: https://www.ics.uci.edu/community/news/notes/notes_2010.php

3. Score: 45.4207
   URL: https://www.informatics.uci.edu/lopes-honored-with-2017-aito-test-of-time-award/

4. Score: 45.4207
   URL: https://www.informatics.uci.edu/lopes-analyzes-big-code-with-funding-from-darpa/#content

5. Score: 45.4207
   URL: https://www.informatics.uci.edu/lopes-featured-speaker-at-2016-opensimulator-community-conference/

6. Score: 42.6929
   URL: https://www.ics.uci.edu/community/news/notes/notes_2011.php

7. Score: 42.3339
   URL: https://www.ics.uci.edu/faculty/profiles/view_faculty.php?ucinetid=lopes

8. Score: 31.1897
   URL: https://www.ics.uci.edu/community/news/notes/notes_2014.php

9. Score: 29.0541
   URL: https://www.informatics.uci.edu/2017/01/

10. Score: 29.0541
    URL: https://www.informatics.uci.edu/very-top-footer-menu-items/news/page/32/
```

```
Search query: acm
Query: 'acm'
Query time: 36.75ms
=====
Found 10 results:
1. Score: 190.6975
   URL: https://www.ics.uci.edu/~gmark/Home_page/Publications.html

2. Score: 24.8736
   URL: https://www.ics.uci.edu/~chenli/sigmod07ugrad/

3. Score: 24.8736
   URL: https://www.ics.uci.edu/~mlevorat/bio.html

4. Score: 22.1099
   URL: https://ngs.ics.uci.edu/author/ramesh/page/181/

5. Score: 22.1099
   URL: https://ngs.ics.uci.edu/blog/page/181/

6. Score: 20.7280
   URL: https://www.ics.uci.edu/~mrrahimi/

7. Score: 19.3461
   URL: https://ngs.ics.uci.edu/grand-challenge-problems-at-acm-multimedia-2009/

8. Score: 19.3461
   URL: https://ngs.ics.uci.edu/acm-multimedia-information-retrieval/

9. Score: 19.3461
   URL: https://ngs.ics.uci.edu/acm-multimedia-2007-day-2/

10. Score: 19.3461
    URL: https://ngs.ics.uci.edu/second-day-at-acm-multimedia/
```

```
Search query: master of software engineering
Query: 'master of software engineering'
Query time: 179.93ms
=====
Found 10 results:
1. Score: 92.8641
   URL: https://www.ics.uci.edu/~rickl/courses/cs-171/2015-wq-cs171/CS-171-WQ-2015.htm

2. Score: 83.5316
   URL: https://www.ics.uci.edu/~neno/vita/vita.html

3. Score: 83.1573
   URL: https://www.ics.uci.edu/~rickl/courses/cs-171/2016-wq-cs171/CS-171-WQ-2016.htm

4. Score: 69.9827
   URL: https://mswe.ics.uci.edu/

5. Score: 53.9235
   URL: https://www.ics.uci.edu/grad/degrees/

6. Score: 50.2362
   URL: https://www.ics.uci.edu/~rickl/courses/cs-171/2014-fq-cs171/CS-171-FQ-2014.htm

7. Score: 48.2321
   URL: https://www.informatics.uci.edu/grad/courses/#INF232

8. Score: 47.2538
   URL: https://www.ics.uci.edu/community/news/notes/notes_2007.php

9. Score: 44.2546
   URL: https://www.informatics.uci.edu/undergrad/courses/#INF131

10. Score: 43.1850
    URL: https://www.ics.uci.edu/~rickl/courses/cs-171/2013-fq-cs171/CS-171-FQ-2013.htm
```