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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](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](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/~nenovita/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](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](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](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
```

```
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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](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](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](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](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

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Found 10 results:

1. Score: 190.6975  
URL: [https://www.ics.uci.edu/~gmark/Home\\_page/Publications.html](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

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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/~nenovita/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](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>