

Query1(cristina lopes):

The top five URLs under this search:

1. <https://www.informatics.uci.edu/2015/06/>
2. <https://www.informatics.uci.edu/explore/books-we-have-written/#content>
3. <https://www.informatics.uci.edu/ics-professors-make-computing-reviews-best-of-computing-notable-books-list/>
4. <https://www.informatics.uci.edu/explore/faculty-profiles/cristina-lopes/>
5. <https://www.informatics.uci.edu/2017/01/>

Query2(machine learning):

The top five URLs under this search:

1. <https://aiclub.ics.uci.edu/>
2. <https://aiclub.ics.uci.edu/#body>
3. <https://aiclub.ics.uci.edu/index.html>
4. <http://hai.ics.uci.edu/people.html>
5. <http://sli.ics.uci.edu/Classes/2013S-77B>

Query3(ACM):

The top five URLs under this search:

1. <https://transformativeplay.ics.uci.edu/classes/ics-163-mobile-ubiquitous-games/>
2. <https://transformativeplay.ics.uci.edu/research/publications/>
3. <https://transformativeplay.ics.uci.edu/inf-242-winter-2017/>
4. <https://transformativeplay.ics.uci.edu/classes/ics-169-capstone/#schedule>
5. <https://transformativeplay.ics.uci.edu/classes/inf-241-introduction-to-ubiquitous-computing/>

Query4(master of software engineering):

The top five URLs under this search:

1. <https://transformativeplay.ics.uci.edu/inf-190-games-from-concept-to-pitchable-prototype/>
2. <http://hai.ics.uci.edu/people.html>
3. <https://grape.ics.uci.edu/wiki/public/wiki/cs122b-2019-winter-project5?version=10>
4. <https://grape.ics.uci.edu/wiki/public/wiki/cs122b-2019-winter-project5?version=8>
5. <https://grape.ics.uci.edu/wiki/public/wiki/cs122b-2017-spring-project5?version=3>

A screenshot of the search interface in action:

```
What do you want to search? (If you want to exit, type 'exit')
cristina lopes
The top five urls under this search:
https://www.informatics.uci.edu/2015/06/
https://www.informatics.uci.edu/explore/books-we-have-written/#content
https://www.informatics.uci.edu/ics-professors-make-computing-reviews-best-of-computing-notable-books-list/
https://www.informatics.uci.edu/explore/faculty-profiles/cristina-lopes/
https://www.informatics.uci.edu/2017/01/
```

```
What do you want to search? (If you want to exit, type 'exit')
machine learning
The top five urls under this search:
https://aiclub.ics.uci.edu/
https://aiclub.ics.uci.edu/#body
https://aiclub.ics.uci.edu/index.html
http://hai.ics.uci.edu/people.html
http://sli.ics.uci.edu/Classes/2013S-77B
```

```
What do you want to search? (If you want to exit, type 'exit')
ACM
The top five urls under this search:
https://transformativeplay.ics.uci.edu/classes/ics-163-mobile-ubiquitous-games/
https://transformativeplay.ics.uci.edu/research/publications/
https://transformativeplay.ics.uci.edu/inf-242-winter-2017/
https://transformativeplay.ics.uci.edu/classes/ics-169-capstone/#schedule
https://transformativeplay.ics.uci.edu/classes/inf-241-introduction-to-ubiquitous-computing/
```

```
What do you want to search? (If you want to exit, type 'exit')
master of software engineering
The top five urls under this search:
https://transformativeplay.ics.uci.edu/inf-190-games-from-concept-to-pitchable-prototype/
http://hai.ics.uci.edu/people.html
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https://grape.ics.uci.edu/wiki/public/wiki/cs122b-2019-winter-project5?version=8
https://grape.ics.uci.edu/wiki/public/wiki/cs122b-2017-spring-project5?version=3
```

```
What do you want to search? (If you want to exit, type 'exit')
exit
```

```
Process finished with exit code 0
```