

## COSC 480 – Miniproject #2

Task: create a twitter scraper, create a JSON parser, and do some rudimentary data visualization on a bunch of recent tweets

For this project you will create a python program that will do the following things:

1.) Pull tweets from Twitter for the following hashtags and store the resulting JSON data:

```
#csforall  
#equality  
#equity  
#stem  
#yolo
```

Do this only for the four day window from 2/25-2/28.

2.) Determine and print out for each hashtag:

```
Most frequent user  
User with most followers  
Tweet with most retweets  
Tweet with most favorites
```

3.) Create a bar chart for each hashtag with time along the x axis and frequency along the y axis. Use the data pulled in #1, and collect the frequency in 6 hour chunks. So, for the first element in your #yolo chart, you will figure out the frequency of #yolo tweets from 00:00 eastern to 05:59 eastern on 2/25.

4.) Submit your sufficiently commented source file via Blackboard by 11:59pm on 3/3. This project may be worked on in teams of three. If you choose to work on a team, you must include that information as part of your comment block at the start of your source.