



## Winter, 2014 CSE 6339 Intro to Computational Linguistics

**Instructor:** Nick Cercone, [nick@cse.yorku.ca](mailto:nick@cse.yorku.ca), 3050 LAS  
**Location:** Ross North 836A, Monday & Wednesday  
 except on these dates, class will be in LAS 2002  
 January 6, 8, 13, 15, 20 February 10, 12, 24, 26  
 March 3, 5, 10, 12, 17, 19, 24, 26, 31 April 2  
**Time:** 10:00-11:20



The name of the song is called "HADDOCKS' EYES."

'Oh, that's the name of the song, is it?' Alice said, trying to feel interested.

'No, you don't understand,' the Knight said, looking a little vexed. That's what the name is CALLED. The name really IS "THE AGED AGED MAN."

'Then I ought to have said "That's what the SONG is called"?' Alice corrected herself.

'No, you oughtn't: that's quite another thing! The SONG is called "WAYS AND MEANS": but that's only what it's CALLED, you know!'

'Well, what IS the song, then?' said Alice, who was by this time completely bewildered.

'I was coming to that,' the Knight said. 'The song really IS "A---SITTING ON A GATE": and the tune's my own invention.'

When Alice has finished reading the poem she gives her impressions: "It seems very pretty," she said when she had finished it, "but it's rather hard to understand!" (You see she didn't like to confess, even to herself, that she couldn't make it out at all.) 'Somehow it seems to fill my head with ideas---only I don't exactly know what they are! However, somebody killed something: that's clear, at any rate'

### Jabberwocky

'Twas brillig, and the slithy toves  
Did gyre and gimble in the wabe;  
All mimsy were the borogoves,  
And the mome raths outgrabe.

"Beware the Jabberwock, my son!  
The jaws that bite, the claws that catch!  
Beware the Jubjub bird, and shun  
The frumious Bandersnatch!"

He took his vorpal sword in hand:  
Long time the manxome foe he sought—  
So rested he by the Tumtum tree,  
And stood awhile in thought.

And as in uffish thought he stood,  
The Jabberwock, with eyes of flame,  
Came whiffing through the tulgey wood,  
And burbled as it came!

One, two! One, two! and through and through  
The vorpal blade went snicker---snack! He  
and with its head  
He went galumphing back.

"And hast thou slain the Jabberwock?  
Come to my arms, my beamish boy!  
O frabjous day! Callooh! Callay!"  
He chortled in his joy.

'Twas brillig, and the slithy toves  
Did gyre and gimble in the wabe;  
All mimsy were the borogoves,  
And the mome raths outgrabe.

What do these two passages mean?  
Want to find out?

Then take CSE 6339 --- introduction to  
computational linguistics

You will also find out what's in a word? Is there a  
grammar for natural languages? Can we communicate  
effectively with machines in our native tongue? Are  
statistical techniques worthwhile? How big a corpus  
is enough? How can our individuality be preserved  
and conversely what gives us away when we write?  
Why is natural language processing so difficult?

Learn linguistic background and  
language processing and statistical  
approaches to natural language  
processing. Learn applications.

