

## CS 461 – ARTIFICIAL INTELLIGENCE

### HOMEWORK #6 (5% or 10 points)

Assigned: Tue Feb 18, 2020

Due: Tue May 5, 2020 \*\*2:00 p.m.\*\* (NOTE THE UNUSUAL DUE DATE)

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*Submit your homework to your TAs who may send you further, specific instructions. Due to the nature of the homework, they may also ask for a hardcopy version. The usual late policy applies.*

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In this assignment you are going to write an essay. The essay should be **750 ± 50 words. Not more, not less!** State the word count at the very end of your essay.

In order to write your essay, you need a premise. To formulate your premise, please go to the Reserve Section of our library and ask for the book ARCHITECTS OF INTELLIGENCE (by Martin Ford), filed under the CS 461 course dossier (Instructor: V. Akman). This book is a collection of interviews with notable AI academics, researchers, innovators, and entrepreneurs. Here's a complete list of names:

- Yoshua Bengio
- Stuart J. Russell
- Geoffrey Hinton
- Nick Bostrom
- Yann LeCun
- Fei-Fei Li
- Demis Hassabis
- Andrew Ng
- Rana el Kaliouby
- Ray Kurzweil
- Daniela Rus
- James Manyika
- Gary Marcus
- Barbara J. Grosz
- Judea Pearl

- Jeffrey Dean
- Daphne Koller
- David Ferrucci
- Rodney Brooks
- Cynthia Breazeal
- Joshua Tenenbaum
- Oren Etzioni
- Bryan Johnson

Pick one (**just one**) interviewee from this list. Photocopy his/her interview from the book and then read it fully. Find an important claim (obviously about an AI topic) made by this person, with which you fully **agree**. The **premise** of your essay will be this claim.

The title of your essay should just consist of the name of the interviewee (i.e., one of the above) you've selected for your essay.

Then the first paragraph of your essay should state, in plain terms, what his/her claim is. (You may want to use your own words but do justice to the content of the claim.)

In the remainder of your essay you should write a **substantiation** of this claim using your own sentences. To convince the hypothetical reader of your essay, you should explain, in clear terms and using a reasoned argument, why you agree with this claim. You can use all sorts of devices to convince the reader about the validity of your standpoint. **If you wish to use the arguments (if any) given by the interviewee, you should expand upon them and always write your own sentences. By the way, just summarizing his/her arguments (if any) won't do! You must come up with your own reasons and explanations.**

You should include, along with your essay, an electronic version of the particular page(s) of the interview where the claim appears, and **highlight** on it the part with which you agree. (This electronic version may be a machine-readable copy or a screen shot or a clean photo of a hardcopy page.)

**Do not submit the entire interview, please!**