Foundations of AI

From our discussions on the first class (Introduction to AI), we saw that AI has a history from different disciplines. Further, Russell and Norvig (Chapter 1 and 2) introduce the "rational agent" design for AI systems, and present eight foundational disciplines of AI:

1. philosophy
2. mathematics
3. economics
4. neuroscience
5. psychology
6. computer engineering
7. control theory and cybernetics
8. linguistics

Of these disciplines, which is the most appealing to you, and why?

(In case it isn't evident, there is no right answer; I am interested in your personal motivations.)

Explain in an essay of 250 to 300 words.

Save the essay in a PDF file. The name of the file must be your first name, underscore, your last name, underscore, "PS0b", dot, pdf.

E.g., if your name was "John Smith":
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john_smith_PS0b.pdf
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Make sure your name is in the contents of the essay too.

Upload the write up (the pdf on Blackboard)..This won't use auto-grader, I shall read it.

Grading rubric

This assignment will be manually graded according to the following rubric:

Feature	Value	Comment
Context properly relates discipline with AI	4	0-4 depends on how well it is written
content is properly formatted	3	0 to 3 points based on quality
filetype correct	1	must be PDF
naming correct	1	filename and name contained in doc
text length appropriate	1	within -10% or +20% of spec
Total	10	