

Curtin University – Department of Computing

Assignment Cover Sheet / Declaration of Originality

Complete this form if/as directed by your unit coordinator, lecturer or the assignment specification.

Last name:	Beardsmore	Student ID:	15504319
Other name(s):	Connor		
Unit name:	Artificial and Machine Intelligence	Unit ID:	COMP3006
Lecturer / unit coordinator:	Mihai Lazarescu	Tutor:	Stefan
Date of submission:	01/05/2017	Which assignment?	(Leave blank if the unit has only one assignment.)

I declare that:

- The above information is complete and accurate.
- The work I am submitting is *entirely my own*, except where clearly indicated otherwise and correctly referenced.
- I have taken (and will continue to take) all reasonable steps to ensure my work is *not accessible* to any other students who may gain unfair advantage from it.
- I have *not previously submitted* this work for any other unit, whether at Curtin University or elsewhere, or for prior attempts at this unit, except where clearly indicated otherwise.

I understand that:

- Plagiarism and collusion are dishonest, and unfair to all other students.
- Detection of plagiarism and collusion may be done manually or by using tools (such as Turnitin).
- If I plagiarise or collude, I risk failing the unit with a grade of ANN ("Result Annulled due to Academic Misconduct"), which will remain permanently on my academic record. I also risk termination from my course and other penalties.
- Even with correct referencing, my submission will only be marked according to what I have done myself, specifically for this assessment. I cannot re-use the work of others, or my own previously submitted work, in order to fulfil the assessment requirements.
- It is my responsibility to ensure that my submission is complete, correct and not corrupted.

Signature:  Date of signature: 01/05/2017

(By submitting this form, you indicate that you agree with all the above text.)

AMI300 Report

Informed Beam and SMA* Search Implementations

Connor Beardsmore - 15504319

Curtin University
Science and Engineering
Perth, Australia
May 2017

Informed Beam Search

Design Decisions

sdsdsdsd

Problems and Bugs

dsdsaddas

Simplified Memory Limited A* Search

Design Decisions

sdsdsdsd

Problems and Bugs

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References

- Russell, Stuart. 1992. “Efficient Memory-bounded Search Methods”. In *Proceedings of the 10th European Conference on Artificial Intelligence*. ECAI '92. Vienna, Austria: John Wiley & Sons, Inc.
- Russell, Stuart, and Peter Norvig. 2016. *Artificial Intelligence: A Modern Approach*. 3rd ed. Pearson.
- Winston, Patrick. 1993. *Artificial Intelligence*. 3rd ed. Addison-Wesley.