AI Group Meeting

Meeting Minutes

# March 15, 2021

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| Present: | Aaron Duggan, Conor Heffernan, Conor McNally, Owen Burke, Thomas Kelly |
| Next meeting: | N/A |
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## Announcements

* DFS is too similar to A\*. Need to decide on another algorithm to examine

## Discussion

* General topic of meeting was to discuss an alternative to DFS.
* We came across a Hamiltonian solver and, after receiving approval from Prof. Dusparic, we have assigned the algorithms across the group as :
  + Owen – A\*
  + Conor H – Hamiltonian Solver
  + Thomas & Conor M – Genetic Algorithms
  + Aaron – Deep Q-learning
* We also settled on the environment that we would build on top of (<https://pythonspot.com/snake-ai-in-pygame/>)
* Conor McNally set up a shared overleaf project to let us work on the report collaboratively
* Thomas Kelly volunteered to write up the general parts of the report that we could complete already (intro, etc.).

## Roundtable

* All : Get set up with the environment
* Owen Burke : A\*
* Conor Heffernan : Hamiltonian solver
* Thomas Kelly & Conor McNally : Genetic Algorithms
* Aaron Duggan : Deep Q-Learning