

## Assignment – Research Report

Write a brief (6-7 page) report on a given topic. Your report should give a fairly high level overview of the given topic but not completely avoid technical details. The report should also include reference to specific applications of your topic particularly as they pertain to computer games and references to available software libraries (especially open source) are particularly welcome. Your report should be structured appropriately and include references.

### Topics

Pathfinding in Dynamic Graphs	()
Neural Networks	()
Decision Tree Learning	()
Fuzzy Logic	()
Markov Systems	()
Flocking Algorithms	(s)
Emergent Coordinated Actions	()
AI in Clash of Clans	()
AI in Procedural Games	()
Others ...	