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Title Optimizing Radeon VRAM beha	vior	
Degree Programme Software Engineering		
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Abstract		
The possibility of applying neur researched in the thesis, and a created for the task. Data was applications, producing memor simulator to play back memory be measured. The simulator was on in training the Al.	set of software including a gathered from a wide varie y traces suitable for the sir traces, the efficiency of va	memory simulator was ety of games and mulator. Using the arious approaches could
The current state of the art of r common applications for each covered in more detail. The ma genetic/evolutionary training for Monte-Carlo solution.	method. The methods chos in training methods used v	sen for this study are vere
As a result, fragmentation was by up to 20%. The change was version 3.15.		
The AI achieved acceptable resimproving the performance of pressure. The smoothness of emore pleasant user experience	most tested applications by ach application improved a	/ 1-2% under memory

Keywords Radeon, graphics adapters, artificial intelligence, neural network

Miscellaneous