


Salam Ayad Hussein Al-zubaidi

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Education

College – department	Degree
University of Al-mustansiriya -college of education – Department of Computer science (2014 – 2016)	M.Sc.
University of Al-mustansiriya -college of education- Department of Computer science (2004 – 2008)	B.Sc.

Employment

Company/employer	Position
University of al-Mustansiriyah -college of education- Department of computer science (2016 – present)	Assistant lecturer
University of al-Mustansiriyah -College of education- Department of computer science (2008 – 2014)	Assistant Chief Programmer
Ministry of industry (1997 – 2008)	Administrative assistant

Research

My research is focused on caching, a fundamental technique commonly employed to hide the latency gap between memory and the CPU by exploiting locality in memory accesses. Different cache replacement algorithms have dramatically different effects on the system performance by deciding which blocks to evict from cache memory in case of a cache miss occurs. My research focused on the development of a two-Dimensional Pyramid Replacement algorithm, (2-DPR), that combines the advantages of classical cache replacement algorithms, and eliminates their disadvantages.

Publications

- Abbas, S.H, Salam Ayad Hussein, S.A. 2-DPR: A Novel, High Performance Cache Replacement Algorithm, Diyala Journal for Pure Science 2016, 3 (2) 98.
- Compression and Analysis between Classic and Modern Cache Replacement Techniques, Iraqi Journal of Information Technology 2018.

Skills and Interests

Language skills	Arabic (Native), English (fluent).
Computer skills	XHTML,PHP, Java script, visual basic 6, C++, Electronic workbench, Microsoft office, Pascal.
Courses Taught	Logic design, Computer architecture, Internet technology & web programming, Micro processing
Personal interests	Soccer, travel.