

Karakashian Shant Kirakos

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Education

- 2003 – 2006 MS in Computer Science
American University of Beirut (AUB), Beirut, Lebanon
GPA: 88.13/100
- 2000 – 2003 B.S in Computer Science
American University of Beirut (AUB), Beirut, Lebanon
Major GPA: 86.67/100 Overall GPA: 83.72/100

Publications

- Jihad Boulos, Shant Karakashian, *A New Design for a Native XML Storage and Indexing Manager*, Lecture Notes in Computer Science, Volume 3896, Jan 2006, Pages 755 - 772

Major Projects

- Worked on design and development of XML storage system
- Designed and implemented a single-user database system executing a subset of SQL
- Designed and implemented a parallel solution for simulating the motion of a star polymer in hydrodynamic flow
- Developed spoken Arabic number recognition system
- Developed a speaker identifying system
- Designed and developed a website system generation tool
- Designed and developed a distributed search engine

Work Experience

- Worked as a Junior Programmer at Cleartag, Beirut, Lebanon (Summer 2004)
- Worked as a Graduate Assistant at A&S Dean's Office, AUB (2003 – 2005)
- Worked as a Research Assistant on expert systems and machine learning at Computer Science Department, AUB (2001-2004)

Awards & Honors

- AUB Dean's Honor list: Fall 2000-01 & Fall 2002-03
- Graduate Assistantship: Spring 2002-03, Fall/Spring 2003-04 and Fall/Spring 2004-05

Specialized Skills

- Programming Languages: C, C++, HTML, Java, Java Script, PHP, XML, Shell Script, SVG, SQL, etc.
- Platforms: Linux