

LORY AL MOAKAR

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Objective:

To seek an internship in computer science where I can practice the skills I acquired in college and graduate school.

Research Interests:

- Scheduling algorithms in Data Streams Management Systems.
- Scheduling and optimizing the execution of operators in Data Streams Management Systems.

Education:

University of Pittsburgh Pittsburgh, PA
PhD Student in Computer Science Expected Graduation: April, 2011

American University College of Science and Technology, Lebanon
an Affiliate to the State University of New York, New York, USA
Bachelor of Science in Computer Science July 2004
QPA: 4.0

Sun Certified Programmer for Java Sun Microsystems, October 2003

Computer Skills:

Languages: JAVA, C, C++, XHTML, UML, JSP, SQL, ActionScript

Software: MySQL, Oracle, Cloudscape, Adobe Photoshop, Microsoft Office, Macromedia Fireworks, Macromedia Flash, Macromedia Dreamweaver, Adobe ImageReady, JBuilder, Forte for Java, Jakarta-tomcat, Visible Analyst, JDBC

Experience:

University of Pittsburgh Pittsburgh, PA
Teaching Assistant September 2005-Present
Teaching

- Introduction to Computer Programming (Spring Term 2007)
- Introduction to Computer Programming (Fall Term 2006)

Teaching recitations for the following courses:

- Introduction to System Software (Fall Term 2005-2006)
- Introduction to Computer Programming (Spring Term 2006, Summer 2006)
- Secure Data Management and Web Applications(Spring Term 2010)
- Database Management(Fall Term 2007, Spring Term 2008)

American University College of Science and Technology Lebanon
Teaching Assistant February 2002-June 2005

- Organized student fair.
- Taught recitations for database, web development, software engineering, and introductory courses.

Research Experience

- Conducted research in the scheduling of different classes of queries in Data Streams Management Systems.
- Conducted Research in various topics related to Data Stream Management Systems

Publications

- Lory Al Moakar, Panos K. Chrysanthis, Christine Chung, Shenoda Guirguis, Alexandros Labrinidis, Panayiotis Neophytou, Kirk Pruhs, "Admission Control Mechanisms for Continuous Queries in the Cloud", ICDE, March 2010
- Lory Al Moakar, Thao N. Pham, Panayiotis Neophytou, Panos K. Chrysanthis, Alexandros Labrinidis, Mohamed Sharaf, "Class-based Continuous Query Scheduling for Data Streams", DMSN, August 2009.
- Sangyeun Cho and Lory Al Moakar. "Augmented FIFO Cache Replacement Policies for Low-Power Embedded Processors," Journal of Circuits, Systems, and Computers, Vol. 18, No. 6, October 2009.

Awards

- NSF travel fellowship to attend ICDE 2010: 2009
- Grad Poster Runner-up Award: Department of Computer Science, University of Pittsburgh, 2009
- Taulbee Award: Department of Computer Science, University of Pittsburgh, 2007
- Teaching Assistant Mentor Award: Department of Computer Science, University of Pittsburgh, 2007

REFERENCES ARE AVAILABLE UPON REQUEST