

Xiaodan Wang

443-564-2498 • dan1982_2000@yahoo.com • <http://www.cs.jhu.edu/~xwang/>

X. Wang, T. Malik, R. Burns, S. Papadomanolakis, and A. Ailamaki. *A Workload-Driven Unit of Cache Replacement for Mid-Tier Database Caching*. Database Systems for Advanced Applications (DASFAA), IEEE, 2007.

X. Wang, R. Burns, and A. Terzis. *Throughput-Optimized, Global-Scale Join Processing in Scientific Federations*. Workshop on Networking Meets Databases (NetDB), USENIX, 2007.

Prior Work Experience

- 2010 *Yahoo! Research*, Research Intern, Sunnyvale CA
Implemented a batch scheduling optimization for a Hadoop workflow engine used in production. Performance evaluation showed significant reduction in both response time and redundant data processing on Hadoop workflows.
- 2000-2008 *Johns Hopkins Center for Clinical Trials*, Research Programmer, Baltimore MD
Deployment and administration of clinical trials database. Data analysis in SAS, and programming of web data collection front-end in ASP, JavaScript, and C++.
- 2007 (Spring) *Johns Hopkins University*, Teaching Assistant, Department of CS, Baltimore MD
Transaction Processing Systems (600.416)
- 2004-2005 *Johns Hopkins University*, Teaching Assistant, Department of CS, Baltimore MD
Storage Systems (600.419) and Intermediate Programming (600.120)
- 2000 (Summer) *GuanRi Telecommunications Inc.*, Intern (Tech Support), Shenzhen, China
Upgrading server/workstation hardware, troubleshooting, inventory management.
- 1999 (Fall) *Johns Hopkins Bayview Asthma Center*, Intern Y2K Compliance, Baltimore MD
Applying patches to legacy hardware and inventory management.

Awards

- 2004 Robert H. Smith School of Business Undergraduate Honors
- 2003 OMSE Asian-American Academic Excellence Award
- 2002 International Mission on Medicine Delegate Nomination
- 2001 National Society of Collegiate Scholars
- 2000 Department of Resident Life Terp Scholar for Academic Achievement
- 2000 Banneker-Key Full Scholarship at University of Maryland
- 2000 Maryland Senatorial Scholarship
- 2000 Simon Youth Foundation Scholar