WANG Lu

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OBJECTIVES

- Wireless sensor networks
- Theory

RESEARH EXPERIENCE

Theory Group, Department of CSE, HKUST　　　　　2009-now
- Communication-efficient algorithms for wireless sensor networks

Internship of Internet Media Group, Microsoft Research Asia　2008-2009
- An analyzer of relationship between threads in the OS
- A framework of recording & replaying user actions on web pages
- Smart caching mechanism for web browsers

USC-Tsinghua University Summer 2008 Research Program　　　2008
- Evaluating the RDF supporting feature of Oracle databases

EDUCATION

Dept of Computer Science and Engineering
HKUST　　　　　　　　Hong Kong　　　　　　　　　　2009-now

Pilot Computer Science Class
Tsinghua University　　Beijing, China　　　　　　　　2006-2009

Dept. of Computer Science and Technology
Tsinghua University　　Beijing, China　　　　　　　　2005-2006

PUBLICATIONS

Sampling Based Algorithms for Quantile Computation in Sensor Networks
*Zengfeng Huang, **Lu Wang**, Ke Yi and Yunhao Liu*
*ACM SIGMOD Internatinoal Conference on Management of Data (**SIGMOD**), June 2011.*

Smart Caching for Web Browsers
Kaimin Zhang, **Lu Wang**, Aimin Pan and Bin Zhu
*Proceedings of the 19th International World Wide Web Conference (**WWW '10**)*

WPBench: a benchmark for evaluating the client-side performance of web 2.0 applications.
Kaimin Zhang, **Lu Wang**, Xiaolin Guo, Aimin Pan and Bin Zhu
*Proceedings of the 18th International World Wide Web Conference (**WWW '09**)*

AWARDS

- Microsoft research Asia Fellowship 2010.

- ACM/ICPC 2011 Finalist, with Danqi Chen and Yuliang Li.

PROJECTS

scanmem & GameConqueror   http://code.google.com/p/scanmem/

A memory scanner for Linux, can be used for debug or game cheating etc.
Included in Debian & Ubuntu.

pidgin-im-pusher   http://code.google.com/p/pidgin-im-pusher/

A plugin of Pidigin, which pushes received IM messages to your iPhone when you are away from your computer.