

Hong Yan

yh@cs.cmu.edu

<http://www.cs.cmu.edu/~yh>

RESEARCH INTERESTS AND WORK EXPERIENCE

My PhD work was centered on designing new network control planes to achieve more sophisticated goals with simpler protocols.

In the real world, I have spent my last four years building large-scale systems such as instant search, ads keywords targeting, mobile ads, business insights, and etc at Facebook.

EDUCATION

- ◇ **Carnegie Mellon University**
Ph.D. in Computer Science
- ◇ **Tsinghua University, China**
B.S. in Computer Science
Graduation with Distinction
GPA ranking 1st out of 150+ Computer Science students of the year

TIMELINE

- ◇ **Facebook** Software Engineer / Manager | 2008–present
- ◇ **Google** Summer Intern | 2006
- ◇ **IBM Research** Summer Intern | 2005
- ◇ **Carnegie Mellon University** Graduate Student | 2000–2010

RECENT AWARDS

- ◇ Grand Prize Winner of DRW Algorithmic Trading Competition

TEACHING EXPERIENCE

- ◇ Principles of Programming (Fall 2004), Computer Networks (Spring 2007)
Teaching Assistant, Carnegie Mellon University

SELECTED PUBLICATIONS

Hong Yan, David A. Maltz, T. S. Eugene Ng, Hemant Gogineni, Hui Zhang, and Zheng Cai. “Tesseract: A 4D Network Control Plane”, 4th USENIX Symposium on Networked Systems Design & Implementation (NSDI’07), Cambridge, MA, April 2007.

Hong Yan, David Garlan, Bradley Schmerl, Jonathan Aldrich, and Rick Kazman. “DiscoTect: A System for Discovering Architectures from Running Systems”, Proceedings of the 26th International Conference on Software Engineering (ICSE’04), May 2004.