

# Ao-Jan Su

*Curriculum Vitae*

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Department of Electrical Engineering and Computer Science  
Northwestern University  
Room 2-211, Ford Engineering Design Center  
2133 Sheridan Road  
Evanston, IL 60208

## **RESEARCH INTEREST**

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Computer Networking with emphasis on Internet measurements, content distribution networks and denial-of-service resiliency.

## **EDUCATION**

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Ph.D. candidate, Electrical Engineering and Computer Science, Current  
NORTHWESTERN UNIVERSITY  
Aleksandar Kuzmanovic, advisor.

Master of Science Computer Science, January 2002  
NEW YORK UNIVERSITY.

Bachelor of Science Computer Science, June 1998  
NATIONAL TSING HUA UNIVERSITY, TAIWAN.

## **PROFESSIONAL EXPERIENCE**

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Research Assistant, DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, NORTHWESTERN UNIVERSITY, 2007-Present.

Teaching Assistant, DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, NORTHWESTERN UNIVERSITY, 2006-2007.

Software Architect, YAHOO! INC., 2003-2005.

Research Assistant, ACADEMIC SINICA, TAIWAN, 2002-2003.

## **OTHER WORK EXPERIENCE**

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Second Lieutenant, R.O.C. ARMY, TAIWAN, 1998-2000.

**PUBLICATIONS**

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## JOURNAL ARTICLES

Ao-Jan Su, David R. Choffnes, Aleksandar Kuzmanovic and Fabián E. Bustamante, "Drafting Behind Akamai: Inferring Network Conditions Based on CDN Redirections," in *ACM/IEEE Transactions on Networking*, accepted for publication.

## REFEREED CONFERENCE PUBLICATIONS

Ao-Jan Su and Aleksandar Kuzmanovic, "Thinning Akamai," in *Proceedings of USENIX/ACM SIGCOMM Internet Measurement Conference (IMC'08)*, Vouliagmeni, Greece, October 2008. (14 pages, 17% acceptance rate, 32/185)

Ao-Jan Su, David R. Choffnes, Fabián E. Bustamant and Aleksandar Kuzmanovic, "Relative Network Positioning via CDN Redirections," in *Proceedings of IEEE International Conference on Distributed Computing Systems (ICDCS'08)*, Beijing, China, June 2008. (10 pages, 16% acceptance rate, 102/638)

Ao-Jan Su, David R. Choffnes, Aleksandar Kuzmanovic and Fabián E. Bustamante, "Drafting Behind Akamai (Travelocity-Based Detouring)," in *Proceedings of ACM SIGCOMM'06*, Pisa, Italy, September 2006. (12 pages, 10% acceptance rate, 37/340)

Von-Wun Soo, Tung-Ing Chiang and Ao-Jan Su, "Carcinogenesis Prediction Using Evolutionary Approaches," *The Fourth Annual Meeting and the Recent Advances of Biophysics, 1998*.

## NON-REFEREED PUBLICATIONS

Shie-Yuan Wang, Ao-Jan Su, Kuo-Chiang Liao, Hsi-Yun Chen, and Meng-Chen Yu, "NCTUns 1.0 GUI User Manual," 2002

**TALKS**

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SIGCOMM IMC 2008, "Thinning Akamai," Vouliagmeni, Greece, October 2008.

ICDCS 2008, "Relative Network Positioning via CDN Redirections," Beijing, China, June 2008.

SIGCOMM 2006, "Drafting Behind Akamai (Travelocity-Based Detouring)," Pisa, Italy, September 2006.

**PERSONAL INFORMATION**

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Taiwan citizenship; F1 Visa.

Fluent in English, Chinese and Taiwanese.

November, 2008