

Wen Hu

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EDUCATION	Tsinghua University, Beijing, China • Ph.D. Candidate, Department of Computer Science and Technology • GPA: 89/100	Sep 2012 - Present
	Nanyang Technological University, Singapore • Visting Student, School of Computer Engineering	Oct 2015 - Apr 2016
	Xidian University, Xi'an, China • B.E., School of Computer Science and Technology • GPA: 94.7/100 (4/478)	Sep 2008 - Jul 2012
RESEARCH INTEREST	<i>Content Delivery:</i> Performance measurement and optimization <i>Social Analysis:</i> User behavior analysis and prediction	
RESEARCH EXPERIENCE	Nanyang Technological University, School of Computer Engineering Advisor: Prof. Yonggang Wen Cloud Computing Application & Platform Group Visiting Student	Oct 2015 - Apr 2016
	Tsinghua University, Department of Computer Science and Technology Advisor: Prof. Lifeng Sun Lab of Multimedia and Networking Ph.D. Candidate <i>Teaching Assistant</i> for Multimedia Streaming	Sep 2012 - Present Fall 2014
PUBLICATIONS	<p>[1] Wen Hu, Zhi Wang and Lifeng Sun, "Guyot: a Hybrid Learning- and Model-based RTT Predictive Approach," in Proceedings of <i>IEEE ICC</i>, London, UK, Jun 2015.</p> <p>[2] Wen Hu, Zhi Wang and Lifeng Sun, "Path-Aware Peer-Assisted Web Content Delivery against Network Failures," in Proceedings of <i>ACM/IEEE IWQoS</i>, Portland, OR, USA, Jun 2015.</p> <p>[3] Wen Hu, Zhi Wang and Lifeng Sun, "Characterizing TCP Performance for Chunk Delivery in DASH," <i>IEEE ISCC</i>, Jun 2016. (submitted)</p> <p>[4] Wen Hu, Zhi Wang, Ming Ma and Lifeng Sun, "Wi-Fi APs as Edge-network Content Hotspots," <i>IEEE ICDCS</i>, Jun 2016. (submitted)</p> <p>[5] Wen Hu, Yonggang Wen, Zhi Wang and Lifeng Sun, "Content Prefetch for On-Demand TV Series via Wi-Fi APs: A Case Study for One User and One AP," <i>ACM MM</i>, Oct 2016. (submitted)</p>	
PATENTS	<p>[1] Zhi Wang, Wen Hu, and Lifeng Sun, "A Layered RTT Prediction Method," (in Chinese) (filed)</p> <p>[2] Zhi Wang, Wen Hu, and Lifeng Sun, "A Wi-Fi AP based Content Delivery Method," (in Chinese) (filed)</p>	
AWARDS AND HONORS	First Class Guanghua Scholarship, Tsinghua University	2015
	Outstanding Graduate Award, Xidian University	2012
	National Scholarship, Xidian University (top 1%)	2009, 2011
	First Prize in the Programming Contest, Xidian University	2011
	Third Prize in the National Undergraduate Electronic Design Contest	2011
SKILLS	C/C++, Matlab, Python, R, Java, Shell Script, Javascript, php, Mysql Android SDK, Embedded System, MFC	