Wen Hu

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Sep 2012 - Present				
Visting Student, School of Computer Engineering Xidian University, Xi'an, China	EDUCATION	• Ph.D. Candidate, Department of Computer Science and Technology	Sep 2012 - Present	
• B.E., School of Computer Science and Technology • GPA: 94.7/100 (4/478) RESEARCH INTEREST Multimedia Network Optimization: Server selection, overlay path construction, edge-assisted content delivery 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 Teaching Assistant for Multimedia Streaming Fall 2014 PUBLICATIONS [1] Wen Hu, Zhi Wang and Lifeng Sun, "Guyot: a Hybrid Learning- and Model-based RTT Predictive Approach," in Proceedings of IEEE ICC, London, UK, Jun 2015. [2] Wen Hu, Zhi Wang and Lifeng Sun, "Path-Aware Peer-Assisted Web Content Delivery against Network Failures," in Proceedings of ACM/IEEE IWQoS, Portland, OR, USA, Jun 2015. [3] Wen Hu, Zhi Wang and Lifeng Sun, "Characterizing TCP Performance for Chunk Delivery in DASH," PCM, Sep 2016. (submitted) [4] Wen Hu, Yichao Jin, Yonggang Wen, Zhi Wang and Lifeng Sun, "Towards Wi-Fi AP-Assisted Content Prefetching for On-Demand TV Series: A Learning-based Approach," ACM MM, Oct 2016. (submitted) [6] Wen Hu, Zhi Wang and Lifeng Sun, "Towards Network-Failure-Tolerant Web Content Delivery: A Path-Aware Peer-Assisted Approach," IEEE GLOBECOM, Dec 2016. (submitted) PATENTS [1] Zhi Wang, Wen Hu, and Lifeng Sun, "A Layered RTT Prediction Method," (in Chinese) (filed, CN104852831A) [2] Zhi Wang, Wen Hu, and Lifeng Sun, "A Wi-Fi AP based Content Delivery Method," (in Chinese) (filed, CN105407004A) AWARDS AND HONORS			Oct 2015 - Apr 2016	
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HONORS				
HONORS Outstanding Graduate Award, Xidian University 2012		First Class Guanghua Scholarship, Tsinghua University	2015	
		Outstanding Graduate Award, Xidian University	2012	

2009, 2011

2011

National Scholarship, Xidian University (top 1%)

First Prize in the Programming Contest, Xidian University

SKILLS C/C++, Matlab, Python, R, Java, Shell Script, Javascript, php, Mysql Android SDK, Embedded System, MFC