Wen Hu

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EDUCATION

Tsinghua University, **Beijing, China**　　　　　　　　　　　　　Sep 2012 - Present
- Ph.D. Candidate, Department of Computer Science and Technology
- GPA: $89/100$

Nanyang Technological University, **Singapore**　　　　　　　　Oct 2015 - Apr 2016
- Visting Student, School of Computer Engineering

Xidian University, **Xi'an, China**　　　　　　　　　　　　　　Sep 2008 - Jul 2012
- 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　　　　　　　　　　　　　　　　　　　　　　Sep 2012 - Present

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 International Conference on Communications (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 *IEEE/ACM International Symposium on Quality and Service (IWQoS)*, Portland, OR, USA, Jun 2015.

[3] **Wen Hu**, Zhi Wang and Lifeng Sun, "Characterizing TCP Performance for Chunk Delivery in DASH," in Proceedings of *Pacific-Rim Conference on Multimedia (PCM)*, Xi'an, China, Sep 2016.

[4] **Wen Hu**, Zhi Wang and Lifeng Sun, "Towards Network-Failure-Tolerant Web Content Delivery: A Path-Aware Peer-Assisted Approach," in Proceedings of *IEEE Global Communications Conference (GLOBECOM)*, Washington, DC, USA, Dec 2016.

[5] **Wen Hu**, Zhi Wang, Ming Ma and Lifeng Sun, "Edge Video CDN: A Wi-Fi Content Hotspot Solution". (submitted)

[6] **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". (submitted)

[7] **Wen Hu**, Zhi Wang and Lifeng Sun, "Towards Reliable Web Content Delivery against Network Failures: A Path-Aware Peer-Assisted Approach". (submitted)

PATENTS

[1] Zhi Wang, **Wen Hu**, and Lifeng Sun, "A Layered RTT Prediction Method," (In Chinese), ZL201510293578.5, Jun 2016.

[2] Zhi Wang, **Wen Hu**, and Lifeng Sun, "A Wi-Fi AP based Content Delivery Method," (In Chinese), 201510897619.1.

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	