Yanhong Wu

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Education

2014.9–Present **Ph.D. in Computer Science**, *Department of Computer Science and Engineering*, **Hong Kong University of Science and Technology**, Hong Kong.
- Supervisor: Prof. Huamin Qu
- Research Interests: **Information Visualization**, **Network Visualization**, **Social Network Analysis**, and **Human-Computer Interaction**

2009.9–2013.6 **Bachelor of Engineering**, *Software School*, **Fudan University**, Shanghai, China.
- Selected Courses: Algorithm&Data Structure Design, Operating Systems, Compilers, Computer Networks, Database Design, Web Technologies, Software Engineering, etc.

Research / Working Experience

2016.5–Present Visiting Ph.D. Student, ***Aviz Team, INRIA***, Paris, France.
- Supervisor: Prof. Jean-Daniel Fekete
- Research on a progressive projection-based large network visualization method.
- Programming: **Python, WebGL, D3, React**

2015.6–2015.9 Research Intern, ***Microsoft Research Asia***, Beijing, China.
- Mentor: Dr. Weiwei Cui
- Evaluated how different graph sampling strategies affect human perception in network visualization.
- Programming: **Python, WebGL, D3, AngularJS**

2013.10–2014.8 Research Assistant, ***Hong Kong University of Science and Technology***, Hong Kong.
- Industry collaborator: Huawei Technologes Co. Ltd.
- Led designing and implementing GraphVis, an online large graph visual analytics system.
- Programming: **Scala, Spark, WebGL, D3, AngularJS**

2013.7–2013.9 Software Engineer, ***Douban Inc.***, Beijing, China.
- Developed Douban's internal project hosting service CODE: an extended GitHub-like system.
- Programming: **Python, MySQL, JavaScript, Git, ElasticSearch**

2013.2–2013.6 System Engineer Intern, ***eBay Engineering and Research Center***, Shanghai, China.
- Developed eBay's cloud service system OpenStratus based on OpenStack.
- Programming: **Java, Shell Script, OpenStack, KVM**

2011.2–2012.10 Undergraduate Researcher, ***Fudan University***, Shanghai, China.
- Advisor: Prof. Haibo Chen
- Participated in developing ReEmu: a scalable parallel full system emulator.
- Programming: **C, Ruby, Shell Script, QEMU**

Awards and Honors

2016 **ACM SIGCHI Honorable Mention Award of Best Paper**.

2016 **HKUST Overseas Research Award**.

2015 **Microsoft Research Asia Fellowship Nomination Award**.

2015 **Microsoft Research Asia Stars of Tomorrow (Award of Excellence)**.

2012 **Outstanding Student of Fudan University**.

2011-2013 **People's Scholarship for three times**.

2011 **Championship of the 4th IShamrock Software Design Competition**.

2007 **First Prize in National Olympiad in Informatics in Provinces**.

Publications

Yanhong Wu, Naveen Pitipornvivat, Jian Zhao, Sixiao Yang, Guowei Huang, and Huamin Qu. egoslider: Visual analysis of egocentric network evolution. In *IEEE Transactions on Visualization and Computer Graphics (Proceedings of VAST)*, October 2015.

Yanhong Wu, Wenbin Wu, Sixiao Yang, Youliang Yan, and Huamin Qu. Interactive visual summary of major communities in a large network. In *IEEE Pacific Visualization Symposium (PacificVis)*, April 2015.

Qiaomu Shen, Tongshuang Wu, Haiyan Yang, Weiwei Cui, **Yanhong Wu**, and Huamin Qu. Nameclarifier: A visual analytics system for author name disambiguation. In *IEEE Transactions on Visualization and Computer Graphics (Proceedings of VAST)*, October 2016.

Yanhong Wu, Weiwei Cui, Nan Cao, Daniel Archambault, Qiaomu Shen, and Huamin Qu. Evaluation of graph sampling: A visualization perspective. In *IEEE Transactions on Visualization and Computer Graphics (Proceedings of InfoVis)*, October 2016.

Jian Zhao, Michael Glueck, Fanny Chevalier, **Yanhong Wu**, and Azam Khan. Egocentric analysis of dynamic networks with egolines. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI)*, April 2016 (**Best Paper Honorable Mention**).

Teaching Experience

2015 Fall	**Java Programming**, *Teaching Assistant*, HKUST.
2015 Spring	**Introduction to Python Programming**, *Teaching Assistant*, HKUST.
2013 Spring	**Distributed Systems**, *Teaching Assistant*, Fudan University.
2012 Fall	**Operating Systems**, *Teaching Assistant*, Fudan University.
2012 Spring	**Computer System Engineering**, *Teaching Assistant*, Fudan University.
2011 Fall	**Introduction to Computer Systems II**, *Teaching Assistant*, Fudan University.

Invited Talks

2015.10	**EgoSlider: Visual Analysis of Egocentric Network Evolution**, *VIS*, Chicago, U.S..
2015.4	**Interactive Visual Summary of Major Communities in a Large Network**, *PacificVis*, Hangzhou, China.

Community Involvement

Reviewer	IEEE Transactions on Visualization and Computer Graphics (TVCG), 2016
	IEEE Transactions on Multimedia (TMM), 2016
	IEEE VIS (VAST, InfoVis, and SciVis) Conference, 2016
	IEEE Eurographics/VGTC Symposium on Visualization (EuroVis), 2016
	International Symposium on Graph Drawing & Network Visualization (GD), 2016
	IEEE Pacific Visualization (PacificVis) Symposium, 2016
	China Visualization and Visual Analytics Conference (ChinaVis), 2016
	IEEE VAST Challenge, 2015, 2016
Student Volunteer	SIGGRAPH Asia, Kobe, Japan, 2015

Skills and Languages

Programming	Proficient in Python, Java, C, and JavaScript
	Familiar with R, Scala, Ruby, C# and OCaml
Tools	MySQL, MongoDB, Spark, Hadoop
Visualization	D3, WebGL, Matplotlib
Languages	Chinese Mandarin (native), English (professional working proficiency)