

Yanhong Wu

Education

- 2014.9–Present **Ph.D. in Computer Science**, *Hong Kong University of Science and Technology (HKUST)*, Hong Kong.
- Supervisor: **Prof. Huamin Qu**.
 - Research Interests: Information Visualization, Visual Analytics, and Human-Computer Interaction
- 2009.9–2013.6 **Bachelor of Engineering**, *Software School*, Fudan University, Shanghai, China.
- Selected Courses: Algorithm&Data Structure Design, Operating System, Compilers, Computer Networks, Database, Web Technology, Software Engineering, etc.

Working/Research Experience

- 2013.10–2014.8 **Research Assistant**, *VisLab*, HKUST, Hong Kong.
- Supervisor: **Prof. Huamin Qu**
 - Led designing and implementing GraphVis, an online large graph visualization system.
 - Programming: WebGL, D3, AngularJS, Scala, and Spark.
- 2013.7–2013.9 **Software Engineer**, *Platform Team*, Douban Inc., Beijing, China.
- Developed Douban's internal code hosting service CODE.
 - Programming: Python, Git, MySQL, Elasticsearch, and JavaScript
- 2013.2–2013.6 **System Engineer Intern**, *Platform Development Team*, eBay Engineering and Research Center, Shanghai, China.
- Developed and profiled eBay's cloud service system OpenStratus based on OpenStack.
 - Programming: OpenStack, KVM, and Shell Script
- 2011.2–2012.10 **Undergraduate Researcher**, *Parallel Processing Institute*, Fudan University, Shanghai, China.
- Supervisor: **Prof. Haibo Chen**
 - Participated in developing ReEmu: a scalable parallel full system emulator (published in PPOPP'13).
 - Programming: QEMU, C, Ruby and Shell Script

Awards and Honors

- 2012 **Outstanding Student of Fudan University**.
- Granted to 3 among 87 students at Software School, Fudan University
- 2011 **Championship of the 4th IShamrock Software Design Competition**.
- Won first place among 30+ teams from Fudan University and University College Dublin
- 2007 **First Prize in National Olympiad in Informatics in Provinces**.
- Obtained Fudan University's direct enrollment through this national algorithm competition

Publications

Yanhong Wu, Wenbin Wu, Sixiao Yang, Youliang Yan, and Huamin Qu. Interactive visual summary of major communities in a large network. In *Pacific Vis*, April 2015 (to be appeared).

Projects

- 2011 **Saber: A Multi-microblog Client Application**, *Competition Project*.
- Developed a multi-microblog client application with more than 30k lines of codes within 1 month.
 - Awarded as the **championship** among 30+ teams in the 4th IShamrock Software Competition.
 - Programming: C#, WPF, and OAuth 2.0.

- 2011 **Utopia**, *Independent Project*.
 - Designed and extended an exokernel-like operating system, based on MIT's open-sourced JOS.
 - Programming: C, Assembly, and Shell Script.
- 2011 **APSys'11 Conference Registration System**, *Independent Project*.
 - Implemented an online registration system integrated with Fudan University's online payment system.
 - Programming: PHP, MySQL and JavaScript
- 2010 **Foison Credit Online Education System**, *Team Project*.
 - Developed an online education system for Shanghai Foison Credit Rating Co. Ltd.
 - Programming: Java EE, Spring, Struts, and Hibernate.

Teaching Experience

- 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.

Skills and Hobbies

- Programming Excellent in Python, Java, C, and JavaScript
 Familiar with Scala, Ruby, C# and OCaml
- Visualization D3, WebGL, Matplotlib
- Virtualization Linux, QEMU, KVM
- Languages Chinese Mandarin(Native), English(Professional working proficiency)
- Hobbies Playing guitar, Reading