

Yanhong Wu

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, 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, **Hong Kong University of Science and Technology**, Hong Kong.
- Supervisor: **Prof. Huamin Qu**
 - 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 and profiled 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.
- Supervisor: **Prof. Haibo Chen**
 - Participated in developing ReEmu: a scalable parallel full system emulator (published in PPOPP'13).
 - Programming: **C, Ruby, Shell Script, QEMU**

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, OAuth 2.0**
- 2011 **Utopia: An Exokernel Operating System, Independent Project**.
- Designed and extended an exokernel-like operating system, based on MIT's open-sourced JOS.
 - Programming: **C, Assembly, 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, 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, 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 Proficient 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