

# 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

## Publications

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

## Projects

- 2011 **JOS Kernel**, *Course Project*.
- An exokernel operating system, based on MIT Course 6.828
  - Programming: C, Assembly, and Shell Script
- 2011 **Saber: A Multi-microblog Client Application**, *Competition Project*.
- A multi-microblog client application. Multiple microblog services are abstracted as plugins that can be dynamically loaded by adapting the dynamic reflection technique.
  - Awarded as the championship among 20+ teams in the 4th IShamrock Software Competition held by Fudan University and University College Dublin.
  - Programming: C#, WPF, and OAuth 2.0
- 2011 **APSys'11 Conference Registration System**, *Independent Project*.
- An online conference registration system integrated with Fudan University's online payment system.
  - Programming: PHP, JavaScript and MySQL

- 2010 **Foison Credit Online Education System**, *Team Project*.
- An online education system for Shanghai Foison Credit Rating Co. Ltd.
  - Java EE, Spring, Struts, and Hibernate

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## Awards and Honors

- 2011 **Outstanding Student of Fudan University**.
- 2011 **Championship of the 4th IShamrock Software Design Competition** held by Fudan University and University College Dublin.
- 2007 **First Prize in National Olympiad in Informatics in Provinces**.

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## Teaching Experience

- 2013 Spring **Teaching Assistant**, *Operating System II*, Fudan University.
- 2012 Fall **Teaching Assistant**, *Operating System*, Fudan University.
- 2012 Spring **Teaching Assistant**, *Computer System Engineering*, Fudan University.
- 2011 Fall **Teaching Assistant**, *Introduction to Computer System II*, Fudan University.

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## 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