

# Yanhong Wu

## Education

- 2014–Present **Ph.D. Student of 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
- 2009–2013 **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.
  - Thesis Topic: A coroutine implementation based on Continuation Passing C

## Working/Research Experience

- 2013.10–2014.8 **Research Assistant**, *Visualization Lab*, HKUST, Hong Kong.
- Supervisor: Prof. Huamin Qu
  - Leded developing GraphVis, an online large graph visualization system. Major dependent libraries include WebGL, D3, AngularJS, Play Framework and Spark.
- 2013.7–2013.9 **Software Engineer**, *Platform Team*, Douban Inc., Beijing, China.
- Developed Douban's internal project hosting service CODE which is developed in Python.
- 2013.2–2013.6 **System Engineer Intern**, *Platform Development Team*, eBay Engineering and Research Center, Shanghai, China.
- Profiled and tuned eBay's cloud service system OpenStratus based on OpenStack.
- 2011.2–2012.10 **Undergraduate Researcher**, *Parallel Processing Institute*, Fudan University, Shanghai, China.
- Supervisor: Prof. Haibo Chen
  - Participated in project ReEmu which is a scalable parallel full system emulator (published in PPOPP'13).
  - Researched on event-based and thread-based programming models.

## Awards and Honors

- 2012 **Second Grade People's Scholarship.**
- 2011 **Outstanding student of Fudan University.**
- 2011 **Championship in IShamrock Software Design Competition of Fudan University and University College Dublin.**
- 2007 **First Prize in National Olympiad in Informatics in Provinces.**

## Projects

- 2011 **JOS Kernel**, *C, Assembly*, Course Project.
- An exokernel-like operating system, based on MIT Course 6.828
- 2011 **Saber: A Multi-microblog Client Application**, *C#, Team Project.*
- Working with Jian Yang.
  - A multi-microblog client application on .NET platform. Various microblog services are abstracted as plugins which can be dynamically loaded by adapting the dynamic reflection technique.
  - This project was awarded as the championship among 20+ teams in the Fourth IShamrock Software Competition held by Fudan University and University College Dublin.
- 2011 **APSys'11 Conference Registration System**, *PHP, MySQL*, Independent Project.
- An online registration system implemented in LAMP. The system was integrated with Fudan University's online payment system.

2010 **Foison Credit Online Education System**, *Java*, Team Project.

- An online education system based on Spring, Struts and Hibernate. The system was developed for Shanghai Foison Credit Rating Co. Ltd.

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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

Kernel Linux, QEMU, KVM

Programming Familiar with Python, Java, C and JavaScript  
Intermediate knowledge of Scala, Ruby, C# and OCaml

Languages Chinese Mandarin(Native), English(Professional working proficiency)

Hobbies Playing guitar, Reading