# Yanhong Wu

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## Education

**2014–Present** **Ph.D. Student of Computer Science**, *Hong Kong University of Science and Technology (HKUST)*, Hong Kong.
- Supervisor: Prof.Huamin Qu.
- Research Interest: 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
- Leaded 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 and C.

**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.

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| 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. |

## Teaching Experience

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| 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. |

## Skills and Hobbies

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| Kernel | Linux, QEMU, KVM |
| Programming | Familiar with Python, Java, C and JavaScript<br>Intermediate knowledge of Scala, Ruby, C# and OCaml |
| Languages | Chinese Mandarin(Native), English(Professional working proficiency) |
| Hobbies | Playing guitar, Reading |