

# Haitang Hu

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## Education

- 2014–present **M.S.E.**, *The Johns Hopkins University*, Baltimore.  
Courses: Machine Learning, Distributed System, Big Data
- 2007–2011 **Bachelor of Engineering**, *TONGJI University*, Shanghai.  
Courses: Discrete Mathematics, Higher Mathematics, Object-Oriented Programming Languages (C/C++), Algorithm Analysis, Data Structures, Database Principles, Operation Systems, Computer Networks, Computer Graphics

## Research

- 2014–present **Disk Performance Evaluation Tool**, *IDIES Lab with John Pliam*.
- 2012–2012 **Research SOA Best Implementation**, *NS Solutions (Shanghai) Co., Ltd.*  
Compared different approaches of Service-oriented Architecture, combined with situation of company and selected the best implementation (Web Service) in order to refactor existing projects and create a reusable module

## Experience

### Full Time

- 2011–2014 **System Engineer**, *NS Solutions(Shanghai) Co., Ltd.*, Shanghai.
- Designed and implemented features to enhance product functionality, tested bugs and created defect fixes to ensure product quality for more than 5 customers
  - Researched and improved scalability, security, usability and performance of products
  - Analyzed customers' requests, fully understood and dug into their real needs through listening and logical thinking, proposed technical solutions effectively and efficiently

### Internship

- 2011–2011 **Business Analyst**, *Hewlett-Packard (Shanghai) Co., Ltd*, Shanghai.
- Created reporting tools to raise productivity about 10% for a 5-members reporting group
  - Prepared and generated daily/weekly/monthly reports with SAP&BW systems, which used by more than 30 employees; helped to analyze and deal with exception data
  - Cooperated with HP employees all over the world (US, India, Thai), consolidated and migrated more than 350 kinds of reports to China reporting center
- 2010–2010 **Software Engineer**, *AltiGen Communications Inc.*, Shanghai.
- Coordinated with QA testers for unit testing, bug shooting, ensured product experiences of 15,000 users all around the world
  - Collaborated with product and engineering team members to design and develop integrated add-on for more than 10,000 Outlook & Altigen client users

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## Significant Project

- 2012–2013 **iOS SNS Application**, *NS Solutions(Shanghai) Co., Ltd.*  
Modeled, designed, implemented iOS application aiming at connecting thousands of parents of babies over Shanghai
- 2011–2012 **Shiseido Global ETL**, *NS Solutions(Shanghai) Co., Ltd.*  
Implemented ETL stage of BI importing processes for relieving Shiseido employees workloads and visualizing data
- 2011–2011 **Shimadzu Expense Managing System**, *NS Solutions(Shanghai) Co., Ltd.*  
Established a website which used to manage expense information from more than 14 branch offices all over China

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## Extracurricular Activities

- 2008 **2010 Expo Service Windows Supervisor** *Tongji University*
- 2007–2008 **Volunteer Activities Organizer** *Tongji University*
- 2007 **ROEWE 550 commissioning Assistant** *SAIC Motor*

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## Skills

- Theory **Machine Learning, Distributed System, Big data.**
- OS **Linux, Windows, Mac.**
- Language **Java, C++, C#, Objective-C, Python, Ruby on Rails, PL/SQL, Linux Shell (Bash, Csh).**
- Network **TCP/IP, Service-oriented Architecture (Web Service), REST, JSON.**
- DB **Oracle database (OCP), MySQL, SQL Server 2005+.**

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## Languages

- English **Professional Proficiency**
- Japanese **Professional Proficiency**
- Chinese **Native**