

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 **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

Project Experience

- 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

Extracurricular Activities

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

Skills

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

Languages

- English Professional Proficiency
- Japanese Professional Proficiency
- Chinese Native