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

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

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, Linux Shell (Bash, Csh)**.
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**