

Haitang Hu

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Objective

To obtain a summer 2015 internship position as software engineer

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

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

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|-----------|--------------------------------------|--------------------------|
| 2008 | 2010 Expo Service Windows Supervisor | <i>Tongji University</i> |
| 2007–2008 | Volunteer Activities Organizer | <i>Tongji University</i> |
| 2007 | ROEWE 550 commissioning Assistant | <i>SAIC Motor</i> |

Skills

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|-------------|---|
| 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

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|----------|--------------------------|
| English | Professional Proficiency |
| Japanese | Professional Proficiency |
| Chinese | Native |