

Jian Zheng

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Education

Sep, 2011—Present	Telecommunication and Software Engineering	Group, BUPT
M.S in Computer Science and Technology. Major courses: Data Mining, Software Engineering, Distributed Computing.		
Sep, 2007—Jul, 2011	School of Computer	Xiamen University
B.S in Software Engineering. Major courses: C/C++/Java programming, Data Structures, Computer Network, etc.		
Sep, 2007—Jul, 2011	School of Economics	Xiamen University
B.A in Economics (Dual-Degree). Major courses: Micro-economics, Aggregative Economics, Public Finance, etc.		

Projects

Nov, 2012 – Jun, 2013	Big Cloud- Parallel Data Mining Tool	Leader of data-mining group
<ul style="list-style-type: none">The project goal is to construct a general data mining tool on Hadoop and Bsp parallel computing framework, which is capable of parallel data Extraction-Transformation-Loading (ETL), data mining, statistical analysis, text analysis and social network analysis.Responsible for the implementation of parallel collaborative filtering algorithm and data ETL components. Proposed a Hadoop parameter optimization method, implemented a hadoop parameter tuning tool, and achieved a collaborative recommend system for movies. Also responsible for testing of candidate machines for Big-Cloud, and led team members to migrate the telecom logs processing tasks to the cloud computing environment for provincial branch of China Mobile. Responsible for collating weekly and software engineering project document. Achieve a weekly summary system for internal use based on SSH.		
Jun, 2010--Sep, 2010	Insurance and financial planning system	Developer
<ul style="list-style-type: none">The project calculates a reasonable list of insurance portfolio based on personal information, and guides the user to complete the purchase of insurance online.Responsible for the investigation of insurance products, feasibility analysis and demand analysis for the system, and designing and implementation of database.		

Working Experiences

Jun, 2013—Aug, 2013	LightInTheBox	Distributed systems and computing research intern
<ul style="list-style-type: none">Responsible for the designing of log analysis, data mining and user behavior analysis algorithms based on Hadoop framework; improvement and maintenance of the internal log analysis system.		
Feb, 2011—May, 2011	RT.CN in Xiamen	Software Develop Intern
<ul style="list-style-type: none">Responsible for the designing and implementation of the Android client for the forum of the “Xiamen fish”, researched on the pros and cons of phonegap, sencha and other cross-platform development framework with native Android apps.		

Research

BC-PDM: data mining, social network analysis and text mining system based on cloud computing. Le Yu, Jian Zheng, Wei Chong Shen, Bin Wu, Bai Wang, Long Qian, and Bo Ren Zhang. KDD, page 1496-1499. ACM, (2012)		
<ul style="list-style-type: none">Published in KDD '12 Proceedings of the 18th ACM SIGKDD international conference on Knowledge discovery and data miningIntroduces the SaaS BI system based on Hadoop, BC-PDM (Big Cloud-Parallel Data Mining), and introduces three function of BC-PDM: business recommendation, customer community detection and user preference classification by employing a real telecom data set.		

Awards

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- 2011-2012** “3rd Class Scholarship of Graduated Students of BUPT”

Technical Skills

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- Experienced: Java, Hadoop computing framework, Hive, collaborative filtering algorithms, commonly used data structures and algorithms.

- Familiar: C++, Linux commands, MySQL database, SVN/Git, Designing Patterns, commonly used data-mining algorithms, MS office softwares.
- Intermediate: Python, Struts2, Hibernate, HTML, CSS, Javascript, XML, Flex.
- English: CET-6, with good oral and written ability.
- **Github:** <https://github.com/zhengjian8972>

Personal Evaluation

- **I am a fast learner** with thirst for knowledge, good at thinking and love challenges;
- **I am a programmer** with strong team-work spirit, sense of responsibility and hard-working-mind.
- **Interests:** swimming, badminton, reading, try new technologies, etc.