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**

- The project is a data mining subsystem of China Mobile Research Institute "Big-Cloud" platform; achieve parallel data processing and analysis for business decisions, user behavior analysis, precision marketing, network optimization and other areas of intelligent data analysis and mining applications.
- Responsible for performance optimization of the parallel data mining algorithms and data ETL components.
- **Implemented parallel collaborative filtering algorithm**, and achieved a movie recommendation system.
- **Proposed a Hadoop parameter optimization method** and implemented a hadoop parameter tuning tool.
- Testing candidate Linux servers for Big-Cloud.
- Led team members to migrate the telecom logs processing tasks to the cloud computing environment.
- Collating weekly report and software engineering document, achieve a weekly report system based on SSH.

Jun, 2010--Sep, 2010   **Insurance and financial planning system**   **Developer**

- 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 feasibility 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**

- 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**

- Responsible for the designing and implementation of the Android client for the forum of the "Xiamen fish".

Technical Skills

- 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, HTML4 + CSS2 + Javascript, XML, ActionScript & MXML.
- English: CET-6, with good oral and written ability.
- **Github: https://github.com/zhengjian8972**

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)

- Published in KDD '12 Proceedings of the 18th ACM SIGKDD international conference on Knowledge discovery and data mining
- Introduces 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. Website: http://dl.acm.org/citation.cfm?id=2339764.

Awards and Activity

- **2011-2012** "3rd Class Scholarship of Graduated Students of BUPT"
- **2011-2012** Member of Postgraduate Association, and member of Computer Science Graduate Student Council in BUPT.
- **2007-2008** Propaganda minister of Xiamen University Toastmasters.
- **2007-2008** Choir Members of Xiamen University in Zhangzhou Campus: as a bass;
- **2009** Participate in Xiamen marathon, finish 42.195 km with a time of six hours six seconds;
- **2009** Squad leader of "I love my country" Summer Practice in Pingtan County.

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.