

Bin Dai

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EDUCATION

Indiana University Bloomington, School of Informatics and Computing

Bloomington, IN

M.S. in Information Science, GPA: 3.8/4.0

Expected May 2015

Beijing Institute of Technology, School of Computer Science

Beijing, China

B.Eng. in Computer Science and Technology, GPA: 86.7/100.0

Jun 2012

PROJECT EXPERIENCE

Social media mining, Indiana University Bloomington

Fall 2013

- Analyzed massive political twitter data. With using Lucene API, indexed several useful fields about data and implemented search function. Obtained topic matrix by using topic model method. Analyzed and visualized trends of topics by using D3.js

Graduation Project (Computer Science), Beijing Institute of Technology

Spring 2012

Research on Resource Allocation Strategy in Cloud Computing

- Analyzed current resource allocation strategies in cloud computing areas. Proposed an improved resource allocation strategy based on the integration of greedy algorithm and the layered resource management model. Implemented the strategy on Cloudsim Simulation Platform by JAVA

Course Project (Software Engineering), Beijing Institute of Technology

Spring 2011

POS Management System Design and Implementation

- Independently designed the UI and the structure of the system. Focused on documentation: requirements specification, designing documents, testing plans and user manuals

INTERNSHIP EXPERIENCE

Intern, Lenovo Co. Ltd, Beijing

Nov 2012 - Apr 2013

Customer Data Management

- Maintained the MySQL database and processed the customer data in batch. Collected and classified the customer data for the hierarchy management. Analyzed customer data to provide statistic table for better strategic management

Summer Intern, Beijing Institute of Technology

Jul 2010 - Sep 2010

Vector Graphics Editor Design and Implementation

- Studied the basic principles of MFC, developed and integrated graphic drawing modules and graphic editing modules into a complete graphical editing system. Comprehensively studied the SVG format and implemented a module for saving images in SVG format

SCHOLARSHIPS AND AWARDS

- Merit Scholarship, Indiana University Bloomington 2013 - 2014
- University Scholarship, Beijing Institute of Technology 2008 - 2012
- Outstanding Student Award, Beijing Institute of Technology 2010
- The 3rd Prize in Programming Competition, Beijing Institute of Technology 2009

SKILLS

- Proficient in C/C++, Java, Java Servlet, HTML, CSS, JavaScript, SQL, NOSQL, R, Lucene, Mediawiki
- Experience: Information Retrieval, Wiki_Based Management, Big Data Analysis, Database Design