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Bin Zhu

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EDUCATION

MS, Information Management, Syracuse University GPA 3.76/4.00 05/2012

Relevant Courses: Social Web Technology, E-Commerce Technology, Data Mining, Information System Analysis, Advanced Database Management & Administration, Management Principles for Info Professional

BS, Electronic Information Engineering, University of Electronic Science and Technology of China 06/2010

Relevant Courses: Theory of Probability and Statistics, Computer Network, C Programming, Data Structure

AWARD

Most Popular Web Application Prize, SU CommonGround Open House 12/8/2011

TECHNICAL SKILLS HIGHLIGHT

- Mainstream Web development: Ruby on Rails, ASP.NET, PHP, HTML+CSS, JavaScript
- Other Programming Languages: PL/SQL, C, Visual Basic, VHDL (Hardware Platform programming)
- Data Management: Oracle 10g, MS SQL Server 2008, MySQL, MS Access & Excel 2010, Sqlite3

PROFESSIONAL EXPERIENCE

Database Analyst, GeoScience Research Assisting Project 09/2011 to Present

- Interview Geo Professor to gather data requirements of their research
- Develop different data/metadata models to facilitate scientists' data management needs

Web Developer, PHP: Contemplative Video Project, led by Professor Susan Dischiave 02/2011 to Present

- Develop pages to display data from the MySQL database in proper format using PHP
- Set up web development environment for new employees, using Aptana Studio on Eclipse and MySQL

Website Analyst & Developer Intern, PHP based sales website: Syracuse Poster Project 05/2011 to 08/2011

- Analyzed existing website data flow and made improvements on the website
- Optimized existing PHP program, streamlining the website
- Streamlined the website design using div + CSS
- Used Google Analytics and Google Adwords to improve search engine performance

ACADEMIC EXPERIENCE

Web Developer, Ruby on Rails, Social Web App Project: CampusFreeLoader 10/2011 to present

- Design a user-centered, campus free food event information sharing web application
- Implement the website using Model View Controller Architecture provided by Rails framework
- Developed the database driven website, largely centralized the event information within campus
- Incorporate JavaScript Google map API to locate events on Campus Map

Web Developer, ASP.NET, E-commerce Tech Project: Campus Book Trading System 09/2011 to Present

- Develop a person to person book trading website, helping students to find or sell their textbooks
- Connect the website to MS SQL Server database using ADO.NET Entity Framework
- Implement review function to let users build reputation for themselves, preventing frauds
- Manage social appearance for the website on Twitter and Facebook

Teaching Assistant: IST654 Information System Analysis by Professor Kevin Crowston 09/2011 to 12/2011

- Led weekly counseling sessions clarifying key concepts within System analysis
- Arranged online discussion forum for sharing experiences/trends related to system analysis

Database Developer & DBA, Oracle Database Project: Hospital Process Assisting System 02/2011 to 05/2011

- Gathered system requirements by analyzing business problems with current processes
- Modeled the system requirements into logical design using MS Visio
- Developed a functioning database system that automated a variety of hospital processes
- Coded customized functions, procedures and triggers in PL/SQL, further enriched system functionalities

System Analyst, System Analysis Group Project: Mobile Tenant Management System 02/2011 to 05/2011

- Interviewed stakeholders and demonstrated system prototype to collect system requirements
- Modeled the system in logical, data and process level using CASE tools
- Designed system interface to facilitate logical system design using Adobe Photoshop CS5/CS2