Chenjie Zhao

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Education	**Carnegie Mellon University, H. John Heinz III College**	Pittsburgh, PA

Master of Information System Management (Dec 2014)
Relevant Coursework: Distributed Systems, Object Oriented Analysis & Design, Data Structure & Algorithm, Machine Learning, Data Mining, Database Management, Business Intelligence, Large Scale Data Analysis

Fordham University, Graduate School of Business   New York, NY
Master of Science in Finance, GPA 3.77 | 4.0 (Aug 2013 Dropped)
Finished Coursework: Equity Portfolio Management, Fixed Income, Global Risk Management, Options and Futures, Financial Modeling, Corporate Finance, Financial Analysis & Valuation, Global Financial Market

Shanghai University of International Business and Economics   Shanghai, CHN
Bachelor of Science in Accounting, GPA 3.70 | 4.0 (Jul 2012)
Dean's List; College Scholarships (4X); Financial Planning Competition Winner (2X)

Projects

System Architecture Design and Implementation for UNDP-GEF Annual Reporting
- Created standalone system that contains Annual Performance Report on results in Ecosystem & Biodiversity.
- Implemented new methods aggregating data of all relevant projects.
- Improved access controls over past datasets with PHP, MySQL, jQuery techniques.

Web Development for Daily News Filter Hub
- Restructured RSS info from mainstream news sites into customized collector using XSLT and Ajax.
- Extracted keywords, pictures and locations info as abstracts from origin sources.
- Optimized presentation for mobile and desktop display using CSS and JSP.

Database Design and Implementation for Car Rental Operation
- Developed ER, and SQL scripts for all tables, data integrity constraints and database implementation.
- Generated SQL queries for data retrieval and retrieving metadata information by accessing system catalog.
- Compiled final report illustrating operation performance, and proposed optimized solutions.

Object-Oriented Analysis and Design for Option Price Calculator
- Drafted Software Requirements Specification doc and UML design.
- Adopted several algorithms (Black-Scholes, Integration, Binomial Tree) to calculate different options.
- Support users with different access controls to upload customized algorithms and financial products.

Text Mining for Blog Author Gender Prediction
- Extracted text features using regular expressions with Python, and developed a classifier with AUC of 0.854.
- Optimized models concerning practical requirements and real tolerance.

Experience

Campus Startup (Intelligent Device)   Shanghai, CHN
Co-Founder (Jun 2009 – Jun 2012)
- Self-designed, developed Intelligent Car model that could be remotely controlled by cell phones.
- Adopted C#, Java and C programming on terminal and Microcontroller Units control respectively.
- Profited from selling components, assembly and accessories, and facilitated campus service.

Ernst & Young   Shanghai, CHN
Assurance Intern (Jun 2012 – Aug 2012)
- Automated generation of balance confirmation sheets by developing VBA macros.
- Analyzed, structured financial statements in accordance with standards and principles.
- Assisted in preparing audit reports, including statements data consolidation and financial analysis.

PepsiCo   Shanghai, CHN
Financial Analyst Intern (Nov 2010 – Feb 2011)
- Drafted seasonal/annual sales reports by restructuring data retrieved from database.
- Programmed VBA to facilitate working procedures, and optimized data input rate and integrity.
- Utilized Simulation Model to forecast scenarios of brand-new product line launch.

Skills

Programming: Java, Python, Ruby, VB.NET; JavaScript, CSS, HTML, XML, XSLT, SQL
Tools: Oracle Database, Access, Advanced Excel (VBA/Business Modeling), R, Weka, Linux
Language: Fluent English, Native Mandarin, Basic German
Leadership: Associate Director of IT Panel, CMU Summit on US-China Innovation and Entrepreneurship 2014 Conference; President, Student Entrepreneur Center; Vice President, Campus IT Club