

Angela Ma

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Skills

Database: SQL language, MySQL, Microsoft Access.

Computer Language: C, Java, Visual Basic, C#.

Web tools: HTML, CSS, XML.

Work Experience

- Internship at School of Information Science in University of Pittsburgh 06/2013 – now
Joined the project “Hi-DFusion: Historical Data Integration” in school lab.
Took charge of the open provenance model design and implementation to provide data sources and paths directly and visually.
 - Consultant Agent at Geek Squad in Best Buy 09/2013 – 01/2014
Engage customers using technical skills to provide solutions for their defective products.
Install software, diagnose computers and translate technical concepts into intelligible terms.
Work with the sales team, explaining services and technology to help them achieve business goals.
 - Internship at Department of Registration in Abbott Laboratories Limited 04/2011 - 05/2011
Assisted in analyzing products survey reports using Word and Excel.
Joined in market investigation and study.
Created and organized database for internal and external relationship management using Access. To provide a paperless, classified and more efficient contacts exchanging method.
 - Internship at Bank of China 03/2011 - 04/2011
Assisted managers in adapting the new customer management system. To improve the accuracy, functionality and speed of using the new system.
Learned basic personal finance service and company business. Completed credit evaluation data organization.
 - Internship at Abbott Laboratories Limited 08/2009 - 09/2009
Completed basic data analysis using Excel and Access.
Learned basic knowledge of information systems and system maintenance and updates.
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Academic Projects

- Joined and completed the 3rd milestone in Heritage Health Prize Competition for Data Analytics class project.
Finished multiple linear regression using MATLAB and gradient boosting machines using R to predict the number of days a member will spend in the hospital. Submitted results through the Health Heritage Prize Website to get the leader board score (ranked at 322th out of 1,461 teams).
 - Joined the Robots and Books Design Challenge in “i-fest 2013 Competition” held by school and gained certification.
Designed and presented a robotic story show to tell a children story using visual programming tools and the Hummingbird Robotics Kit designed by CMU.
 - Designed and completed an online book exchange system for the Web Technology and Standard class project.
The book exchange website is designed for users to post their old books, share their contact information and search the books they need. This platform is provided for both sellers and buyers. It is designed by HTML, JSP, CSS, JavaScript and SQL using Netbean software and the Java DB database in NetBeans IDE.
 - Designed and completed an online bookstore system using PHP for the Database Management class project.
This system is designed to facilitate the search process for customers, and to improve the efficiency of transactions in bookstores.
 - Designed and completed “Yahoo Reranking” Java applet for the Information Storage & Retrieval class project.
Find high quality and relevant questions in Yahoo answers based on the RSVD algorithm. Design API to show the re-rank results.
 - Undergraduate graduation design: Train station lane information management system
For a particular freight service station, a system is created to record the status of trains, the job tasks of this station and assignment of lanes. This project is finished by using Visual Basic and Access database.
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Education

- Master of Information Science 09/2011 – 05/2013
University of Pittsburgh, Pittsburgh PA GPA: 3.65
- Bachelor of Management in Management Information Systems 09/2007 – 06/2011
Beijing Institute of Technology (BIT), China GPA: 3.45