

EDUCATIONS**M.S. Computer Science, University of Houston***Expected May 2016*

- GPA: 3.85/4.0; Main Courses: Data Mining, Big Data Analytics, Advanced Data Structures

M.A. Management Sci. and Engi., School of Business, Renmin Univ. of China*Jul. 2011*

- GPA: 3.7/4.0; Concentration: Management Information System

B.E. Computer Science, Beijing Univ. of Posts and Telecommunications*Jul. 2009*

- GPA: 3.6/4.0; Main Courses: Object-oriented Programming, Data Structures and Algorithms, Database System, Software Engineering

TECHNICAL STRENGTHS**Languages:** Java, C# (Proficient); Objective-C, C, Python, HTML, CSS, JavaScript (Experience);**Statistical Packages:** R, MATLAB, SPSS**Libraries:** MapReduce, ASP.NET MVC4, OpenCV, jQuery**EMPLOYMENT****Fitiri / Developer Summer Internship***Jun. - Aug. 2015***Timesheet System (C#, ASP.NET MVC4, EF, CSS, jQuery)***<http://timesheetdemo.somee.com>*

- Built an ASP.NET MVC application to manage employee's personal information and work attendance.
- Implemented UI and interactive tables enable sort and filter by multiple keywords with CSS and jQuery.

Univ. of Houston, Measurement and Evaluation Center / Research Assistant*Jan. - May. 2015***Online Course Evaluation Report (C#)**

- It is an ASP.NET Web Forms application to generate online course evaluation report with various questionnaires from different colleges/departments.
- Implemented access control policy, to guarantee faculties can only view the report they authorized.

Log Sheet (C#)

- It is an ASP.NET Web Forms application to manage the scanning log of MEC.
- Implemented A GridView to insert, update, delete and validate records of scanning log.

CITIC Trust Co., Ltd., IT Dept. / IT team leader & System Administrator*Jul. 2011- Jul. 2014***Trust Finance System / Payments and Receivables System**

- Adminstrate Finance Management System, which operate in Window, Linux, and Oracle database.
- Maintain and optimize large-scale enterprise databases to assist various business applications.
- Led business team to analyze business process, manage requirement and design test cases.
- Led development team to design and develop software and perform upgrading based on user's feedback.

PROJECT EXPERIENCE**Personal Website (GitHub, Markdown, CSS, JavaScript)***<http://yiwenshi.com>*

- Built a personal website in GitHub, to makes recruiters know me better.
- Using existing web template with customizing CSS and JavaScript, to implement an image gallery.

Big Data Projects (Java, Hadoop, Hbase, MapReduce)*Feb. 2015 – May 2015***Website Log Analysis**

- Analyze the log from stackexchange.com, to compare average score of accepted answers with unaccepted answers. Programing in Java and MapReduce library, and implemented Chained MapReduce jobs.
- Performed a bulk import of the data in Hbase, and calculated the average number of answers per question from data in Hbase.

Simple Search Engine

- Analyze multiple thousand books as raw text files. sImplement an inverted index and a simple retriever to identify the most relevant books from given a search term.

FaceLock (Objective-C, OpenCV)*Mar. 2015 - Mar. 2015*

- It is an ISO application that can open a door lock by 2D and 3D face detection and recognition.
- Built IU with TableView, CollectionView, UIImageView, and 2D face recognition by LBPH algorithm.

Classification of U.S. Coins (Matlab)*Nov. 2014 - Dec. 2014*

- Designed an image analysis model to find out the total value of coins in the image.
- Implement image-processing algorithms (color segmentation, circle Hough transformation) to extract coins' feature and implement ANN (Artificial Neural Network) to classify coins using MATLAB.