
SUMMARY

A motivated software developer with 3+ years of work experience and skillful in:

- Object-oriented programming in C# and Java
- Web technologies in ASP.NET MVC 4, HTML, CSS, jQuery
- 2 full cycles of Java software implementation in design, customizing, testing and maintenance

EDUCATIONS

Master of Science, Computer Science, University of Houston

Expected May 2016

- Concentration: Data Analytics; GPA: 3.85/4.0;

Master of Art, Mgmt. Info. System, School of Business, Renmin Univ. of China

Jul. 2011

Bachelor of Science, Computer Science, Beijing Univ. of Posts and Telecom.

Jul. 2009

TECHNICAL SKILLS

Languages: C#, Java, Objective-C, C/C++, Python, HTML, CSS, JavaScript

Statistical Packages: R, MATLAB, SPSS

Libraries: ASP.NET MVC4, jQuery, AngularJS, MapReduce, OpenCV, OpenGL

EMPLOYMENT

Developer Summer Internship, Fitiri

Houston, TX

Summer 2015

Timesheet System (C#, ASP.NET MVC4, EF, CSS, jQuery, Ajax, JSON)

- Designed and developed an ASP.NET MVC 4 web application to manage employee's personal information and work attendance, based on the architecture of Fitiri's TimesheetMS, which is a solution helping oil/natural gas company track the working hours of employees.
- Visualized the timesheet records in interactive table and chart with CSS, jQuery and Google Chart API.
- View demo, please visit: <http://timesheetdemo.somee.com>

Research Assistant, Univ. of Houston, Meas. & Eval. Center

Houston, TX

2014- present

Online Course Evaluation Report (C#)

- It is an ASP.NET Web Forms application to create dynamic table for online course evaluation report with various questionnaires from different colleges/departments using placeholder.
- 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 daily work log of MEC.
- Implemented A GridView to insert, update, delete and validate records of scanning log.

IT team leader & System Administrator, CITIC Trust, IT Dept.

Beijing, China

2011- 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.

Unit Converter (HTML5, CSS3, AngularJS)

<http://www.unitconverter.site>

- Providing online conversion of length, weight, area, volume and speed with great user experience.
- Using AngularJS to implement two way data-binding and refine the conversion result format with custom derivative.

FaceLock (Objective-C, OpenCV)

Spring 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.

Big Data Projects (Java, Hadoop, Hbase, MapReduce)

Spring 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 in Hbase, and calculated the average number of answers per question from Hbase.

Simple Search Engine

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