Yiwen Shi

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SUMMARY

A motivated software developer with 4+ years of work experience and skillful in:
- Object-oriented programming in C# and Java
- Web technologies in Angular, Spring, ASP. NET MVC 4, HTML5, CSS3, jQuery
- Extensive experience working in an Agile development environment

TECHNICAL SKILLS

Languages: C#, Java, C/C++, Python, HTML, CSS, JavaScript, TypeScript
Framework: Angular, jQuery, HighCharts, Spring, ASP.NET MVC4, MapReduce, OpenGL
Statistical Packages: R, MATLAB, SPSS

EMPLOYMEMT

Software Engineer, *National Oilwell Varco*   Houston, TX   *01/2016 - present*
Consolidated Website Portal (RESTful Web Services, Angular, MongoDB)
- Worked with an agile methodology to ensure delivery of high quality code for monthly release.
- Developed front-end services and user interface by using Angular and HTML/CSS.
- Developed RESTful API by using Spring/MongoDB and ASP.NET Web API/SQL Server.
- Integrated JIRA Service Desk, JIRA Issue Collector into web portal to collect user's feedback and business request.
- Integrated Google Analytics into web portal to track and report website traffic.
- Used Atlassian products (Jira, Bitbucket, Bamboo) as development and collaboration tools.

Developer Summer Internship, *Fitiri*   Houston, TX   *Summer 2015*
Timesheet System (C#, ASP.NET MVC4, EF, CSS, jQuery, Ajax)
- 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.

Research Assistant, *Univ. of Houston, Meas. & Eval. Center*   Houston, TX   *2015*
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
- Administrate 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://yiwen-shi.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.

EDUCATIONS

Master of Science, Computer Science, University of Houston, GPA: 3.9/4.0;	*Dec 2016*
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*