

Shiyu Wang

A full-stack engineer with experience and passion in designing, developing and debugging web application and mobile app; specializing mostly in JavaScript/Node.js but also work with Java and Python.

Experience

Workforce Development Program Instructor

Mar. 2018 – Present

Urban League of Eastern Massachusetts - Roxbury, MA

- Instruct students Full-Stack development to become entry-level engineers
- Designed curriculum of full-stacks web development course
- Built and maintain company web application for thousands monthly users
- Design & Develop students management system to help teaching and managing students
- Collaborate with corporations, such as Google, MIT, Amazon Education and Wayfair to provide opportunities, workshop and resources for students

Business Solution Developer

Jul. 2014 – Dec. 2015

SourceOne Inc. - Boston, MA

- Contributed to the front-end design and development of web portal development with JavaScript, Durandal.js and Telerik
- Managed Microsoft SQL server to update data structure and created procedures to support data for web portal
- Generated and adjusted dynamic Telerik and DevExpress Reports from SQL Server for company and clients
- Collaborated with team to improved user interface of web portal for clients
- Debugged web application on different browsers, fix issues reported by clients

Projects

Urban League of Eastern MA Web Application

Feb. 2019 - Present

<https://www.ulem.org>

- Implemented the MERN stack web application as company website
- Designed the mobile friendly User Interface
- Developed and tested all features including events management and news
- Maintain the application on AWS for 1,000+ users monthly
- Created Web API and sessions on server side

MSIMBO Students Management System

May 2018 - Present

<http://www.msimbo.com/>

- Designed and implemented two full-stack students management systems in React and Angular to help teach and manage students
- Designed the user Interface
- Created mobile applications for the system
- Developed and maintained all features including grading, assignment, resources, contact, video, assessment and user management
- Used React hooks and Redux to simplify the future maintenance
- Implemented JSON Web Tokens for authentication
- Created Web API on server side

Web Maker Application

Sept. 2017 - Nov. 2017

<https://web-maker-sw.herokuapp.com/>

- Designed and Developed full-stack application to allow users create websites in seconds with full flexibility to customize everything
- Created Web API on server side
- Designed the mobile friendly User Interface

Personal Info

Address

394 Ocean Avenue
Revere, MA, 02151

Phone

(857)269-9341

E-mail

Shiyu3169@gmail.com

Website

<https://www.shiyu-w.com/>

LinkedIn

<https://www.linkedin.com/in/shiyu-w>

Technical Skills

Languages

JavaScript, HTML, CSS, SASS/SCSS, Java, Python, SQL/NoSQL, R

Frameworks/Libraries

React.js, jQuery, React Native, Redux, Angular, Vue.js, Bootstrap, Node.js, Express, Spring MVC, Jasmine, TypeScript

Databases

MySQL, Microsoft SQL (T-SQL), MongoDB (NoSQL), SQLite

Development

Test-driven Development, Object-oriented Design, Agile Development Life Cycle

Tools

Git, JIRA, Telerik, Visual Studio, WebBrain, Rstudio, Spring Tool Suit, Android Studio, Heroku, AWS

Education

M.S. Computer Science

Northeastern University
Boston, MA - 2016-2017

B.S. Computer Science, Minor in Math

Northeastern University
Boston, MA - 2012 – 2016