**Shuang Chen**

schen8@wpi.edu | 508-615-3172| Worcester, MA

https://shuangchengust.github.io/Shuang/

**Objective:**

Actively seeking Front-end/ full-stack software engineer, web developer position. Willing to relocate, willing to learn.

**Education**

**Worcester Polytechnic Institute** Aug 2018-May 2020

M.S. in Information Technology, GPA 3.8/4.0

Courses: Database Development, System design and development, Android application development

**East China University of Science and Technology**  Aug 2014-July 2018

Bachelor of Management (Concentration: Management information System), Minor in German

**Work Experience**

**Marlabs Inc.** Piscataway, NJ

**Gemini Health Frontend Developer** June 2020 – Present

• Developed SPA using **React Redux architecture, ES6, Webpack and Babel**.

• Built layout with **React-Bootstrap Nav, Form, Carousel Components and CSS Style**.

• Developed React **functional and class components** and modularized code with **import/export** properties.

• Built modules using React.JS features (**Components, Lifecycle methods**) and implemented Routing using **react-router-dom**.

**System development Intern** Boston MA

**Toucan Toco** Feb2020 – May 2020

• Involved in toucan development team, used **React components, Javascript, CSS, UI materials** to design the UI page.

• Wrote and implemented unit test cases with **Jasmine** to test the connection between system and MongoDB.

• Used Toucan build-in functions (**MongoChart, HTML, CSS, Cursor, Geo Json, D3.Js**) to create data visualization report demos for potential clients. (Demo URL: <https://sandbox.toucantoco.com/care-analytics>)

**Project Experience**

**JobHunter App Front end developer**  Feb 2020 – Present

JavaScript (Node.js with Express, JWT, mongoose), MongoDB, Bootstrap, Google cloud

Developed a **web application** to recorded, track job applications and send users a daily report by email.

• Contributed to the Front-end part: Designed the Login and user interface by **Bootstrap, HTML, CSS, JWT**.

• Developed the application-list module with **Node, Express.Js**, Connect with **MongoDB** with **Mongoose**.

• Published the App into **Google Server** (URL: https://mindful-syntax-270721.appspot.com/loginPage)

**Favorite Video List App Developer** Feb 2019 - May 2019

JavaScript (Angular, Node.js, Express.Js), mongoDB, Bootstrap, Postman.

• Built a video-list App, with **Angular 8** features: **Routing, Services, @input/@output, pipe**.

• Used **Postman** to test the MongoDB and the system’s connection.

• Used **JWT** and **interceptor** technologies to encrypt the login function.

**WPI Funding application System Designer (**WPI) Oct2018 - Jan 2019

• Designed a web-based system to help program officers and professors to search funding resources, submit

notice of intent, track application and generate report, based on **Agile development methodology**.

• Used CSS framework and UI Resources package to design the APP user interface.

• Communicated with sponsors, Designed the workflow, aligned team workloads, tracked development process.

System URL: https://mis573f19pgroup3100-sandbox.mxapps.io/login.html?profile=Responsive

**Skills:**

• Programming languages: CSS, Html 5 and JavaScript, Typescript, Python2/3, Java, SQL, VBA

• Design framework/tools: MEAN, MERN stack | React.js, Angular, Bootstrap| Node.js, Express.Js, Redux | Jasmine, Mocha | JQuery, AJAX, REST API, Axios | D3.Js, High Charts

• Database: MongoDB, Mongoose, MySQL, SQLite

• Software skills: Git, Aws, Postman, Studio 3T, Visual Studio, Android Studio, Mendix Pro

• Network and OS: TCP/IP, IP Addressing, DNS/DHCP, OSI network model | Mac OS, Windows, Linux

• UI design: rapid prototyping, UI experiment, Agile development.

• English (Business), Chinese (Native), German (Basic communication)