Xiaoyan(Sean) Song

Candidate of Bachelor in Software Engineering, University of Waterloo

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SKILLS

Languages : JavaScript (Vue.js), HTML/CSS, SQL (MySQL), Express.js, Java, C++
Tools : Element UI, Ali Cloud, Axios, GitHub, Nginx

Personal Projects

Personal Website   Built from July, 2021 to August, 2021

Link (https://seansong25.github.io/personal-website/html/homepage.html)

- Completed independently using HTML and CSS to display a portfolio of personal projects.
- Pushed and deployed live on **Github Pages.**

Weekly Planner   Built from June, 2021 to July, 2021

Link (http://xiaoyan.ltd)

- **Fullstack, Restful API** application built independently to plan daily tasks in a week.
- Users can add, delete, insert rows, columns on the tables, and insert, search or delete tables using the search tree. Data will be stored permanently on the **MySQL Database** on the deployed **Ali Cloud ECS Instance.**
- Utilized **Element UI** and **Vue.js** to create 3 major dynamic components on the page.
- Originally created for the purpose of planning personal fitness plans, the "films" and "statistics" tabs are still under development for uploading tutorials and keeping track of personal progress.
- For the manual on how to use this application, please refer to my github repository: (https://github.com/SeanSong25/Planner)
- Technologies: **Element UI** / **Vue.js** / **Express.js** / **MySQL** / **Axios** / **Nginx** / **AliCloud ECS**

IP Address Tracker   Built during August, 2021

Link (https://seansong25.github.io/IP-Address-Tracker/)

- The IP-Address Tracker allows user to enter any IP Address, and locates the physical position of that IP Address on the Leaflet Map Component.
- Using the APIs of **Leaflet** and **geo.ipify.org**, the tracker displays information about the identity, location, time zone and ISP of the IP Address.
- Technologies: **Javascript** / **AJAX** / **HTML** / **CSS** / **Leaflet API**

Work Experience

Heda Corp Ltd   May, 2021 to August, 2021

Development and Research Intern

- Heda Corporation Limited is a listed company in China that focuses on delivery of cloud and web based products for the water supply industry.
- Completed 2 Frontend application pages and fixed 20+ bugs in a span of the 1st month, using the company's internal framework and UI library.
- During the remaining 2 months, independently learned open source web technologies such as Vue.js, Axios.js, and completed the Weekly Planner project, and Personal Website.

EDUCATION

University of Waterloo   September, 2020 to April, 2025

Candidate of Bachelar of Software Engineering

- **Coursework**: Data Structures, Algorithms, Computer Systems and Logic