William Wang

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github.com/RainbowBridge-William

SKILLS

LANGUAGES: JavaScript, Java, SQL, R, HTML5, CSS3 & SCSS

LIBRARIES/FRAMEWORKS: React.js (Hooks), React Native, Redux, Node.js, Tailwind, Bootstrap

ADDITIONAL: Firebase, Git Version Control, RESTful API, AJAX, Web Design, Figma, Product Management, Scrum

EDUCATION

University of Washington, Seattle   *Expected Graduation: 06/2024*

B.A. – Intended Informatics Major

- Cumulative GPA: 3.83

EXPERIENCE

Web Developer   *09/2021 – Present*

Kendo Club @ UW | Seattle, US

- Worked with the development team of the Japanese sword fighting club to develop a club introduction and promotion website
- Implemented web contents according to new events using **React.js,** increased **new members by 200%** compared to last year

Analyst Developer Intern (TPM designate)   *07/2021 – 08/2021*

JD.com | Beijing, China

- Partnered with Design, Dev, and Business teams to improve the e-commerce platform for JD.com, a B2C eCommerce giant in China with 500M+ active users
- TPM for the **employee management system** that keeps track of **300+ employee data**, owned the frontend functional design and backend architectural design for the product
- Garnered **10k+ clicks** in a month by designing and building the frontend architecture for the Online Consultant page with **JavaScript** that helped **200k+ users connect with product consultants** and make purchase choices.
- Identified redundant tasks and built a reusable frontend component template, saved **20hrs+ engineering efforts per month**

PROJECTS

Covid Data Panel

- Developed a Covid Data Panel by **React.js** and **Firebase** to provide a one-stop Covid information hub
- Implemented interactive US map and trend visualization graphs through **Mapbox.js** and **chart.js library Components**, enabling user hover/click on states for detailed data
- Used **Firebase** to authenticate the user with **Google Sign-In**, storing and retrieving user preference in **Real-time Database**

Drowsy Driver Helper

- Built a native app using **React Native** and **Redux** to help with driving safety and drowsy driving problem
- Notifies and navigates the driver to the nearest the rest area using **Google Places** and **Mapbox.js map & navigation** after long periods of continuous driving

Online Study Platform

- Developed a Web App to connect students to study together using **HTML, CSS, and JavaScript**
- Set up **Agora SDK** with **JavaScript** to achieve **video live-streaming** study room feature

Game Hunter

- Created a web app allowing users to search for the cheapest offers of their inputted game in **HTML, CSS, and JavaScript**
- Designed the responsive page based on **Steam's** design language
- Fetches data from CheapShark API to get best deals of matched games to user queries