YIYUE (MAGGIE) MAO

 YiyueMaggieMao   YiyueMaggieMao

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EDUCATION

Bachelor of Science: Computer Science   Expected in 06/2022

University of California - San Diego - La Jolla, CA

- GPA**: 3.4,** Provost Honors Winter Quarter 2019 and Fall Quarter 2019
- Course work in Software Engineering, Design and Analysis of Algorithms, Advanced Data Structure, etc.

EXPERIENCES

Product Manager Assistant at **Shanghai Foreign Airline Services, Co.** – Shanghai, China   07/2020 to Current

- Designing the **project workflow** of a platform that accelerates the registration of **4000+ Chinese doctors** by **150%**
- Improving the User Interface layout using **Mockplus** to enhance user experience
- Developing the web front end using **Vue.js**, having completed **10 key functionalities** in **7 pages**

IT Engineer Intern at **Montage Technology, Inc.** – Shanghai, China   06/2019 to 09/2019

- Automated around **300 employees' data** backup process using **LDAP** and **Windows Batch**
- Created **20+ batch script** files for technical support cases, benefiting **over 100 employees**
- Collaborated with 5 coworkers to configure a **VPN** connection between different branches

PROJECTS

ACM Vote (git.io/JUQ2c) – React.js, JavaScript, Chart.js, JSON, CSS

- Collaborated with 5 teammates to develop a voting tool for **1,000+ members** at ACM UCSD
- Utilized **React.js**, **JSON**, and **JavaScript** to implement multi-page poll creation, multiple choice and ranked choice voting, and view results
- Contributed approximately **80%** of the frontend code, with **16,000+ additions** in **40+ different files**

Tag.it (tagdotit.netlify.app) – React.js, JavaScript, Bootstrap, CSS, Figma

- Collaborated with 9 teammates to create a tag-centric course forum for more efficient browsing and user satisfaction
- Implemented post view/share/edit, question list, and handled user authentication using **React.js**, **Bootstrap**, and **CSS**
- Utilized **JavaScript API call** to read and update data on the backend
- Designed the user interface using **Figma** with one other teammate

Timed To-Do List (git.io/ToDoList) – Java

- Developed a to-do list with countdown timer to increase efficiency and motivation
- Designed and implemented the entire project

LEADERSHIP EXPERIENCES

Technical Lead at **ACM Hack at UC San Diego** – La Jolla, CA   05/2020 to Current

- Developing and preparing to teach 2 workshops in a **full-stack web development** workshop series
- Will teach workshops on **Python** and **mobile development** in future quarters, expecting to reach **500+ students**

K-12 Outreach Chair at **IEEE Student Branch at UC San Diego** – La Jolla, CA   05/2019 to 05/2020

- Designed and taught **7 workshops** covering Python, Java, HTML, and CSS for around **300 K-12 students**

SKILLS

Languages: Java, C, C++, Python, ARM Assembly

Web Development: React.js, Vue.js, Bootstrap, D3.js, JavaScript, jQuery, JSON, Express.js

Tools: Git, Linux / Unix and Window OS, Vim, batch/Linux terminal commands, Figma, Mockplus