YIYUE (MAGGIE) MAO

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EDUCATION

Bachelor of Science: Computer Science   Expected in June 2022

University of California - San Diego - La Jolla, CA

GPA**: 3.36,** Provost Honors Winter Quarter 2019 and Fall Quarter 2019

EXPERIENCES

Product Manager Assistant at **Shanghai Foreign Airline Services, Co.** – Shanghai, China   07/2020 to Current
- Designing the **project layout** and **workflow**; coordinating closely with the client, and a team of 7 members
- Will take part in **project developing** starting mid – August

IT Engineer Intern at **Montage Technology, Inc.** – Shanghai, China   06/2019 to 09/2019
- Automated around 300 employees' data backup process with knowledge of **LDAP** and **Windows Batch**
- Created 20+ **batch script** files for technical support cases, benefiting over 100 employees

SKILLS

- **Programming**: Java, C, C++, Python, ARM Assembly, Project building, testing, debugging
- **Web Development**: react.js, bootstrap, d3.js, JavaScript, jQuery, JSON, Express.js
- **Tools**: Git, Linux / Unix and Window OS, Vim, terminal / batch commands

PROJECTS

Tag.it (tagdotit.netlify.app) – react.js, JavaScript, bootstrap, CSS, Figma
- A tag-centric course forum for more efficient browsing and user satisfaction. Collaborated with 9 others.
- Implemented post view/share/edit, question list, and user authentication using **react.js**, **bootstrap**, and **CSS**
- Utilized **API call** with **JavaScript** code to read and update data on the backend
- Designed the user interface using **Figma** with one other teammate

ACM Family Tree (tree.acmucsd.com) – react.js, d3.js, jQuery, JSON, CSS
- A web app that introduces the family tree culture at ACM UCSD. Collaborated with 5 others.
- Implemented the tree profiles, leaderboard with filters, and glossary using **react.js**, **jQuery**, **JSON**, and **CSS**
- Utilized **d3.js** to generate interactive tree graphs from JSON data

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

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**, reaching around 300 K-12 students