

# YIYUE (MAGGIE) MAO



[YiyueMaggieMao](#)



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(+86)13817338145



[y9mao@ucsd.edu](mailto:y9mao@ucsd.edu)

## EDUCATION

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### 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

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### Product Manager Assistant at Shanghai Foreign Airline Services, Co. – Shanghai, China

07/2020 to Current

- Coordinating closely with the client and a team of 7 members to configure the **project layout** and **workflow**
- Designing the User Interface using **Mockplus**
- 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 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

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### 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

### ACM Family Tree ([tree.acmucsd.com](#)) – React.js, D3.js, jQuery, JSON, CSS

- Collaborated with 4 teammates to develop a web app that introduces the family tree culture at ACM UCSD
- 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

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

## LEADERSHIP EXPERIENCES

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### 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

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

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

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