

# YIYUE (MAGGIE) MAO



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## EDUCATION

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### Bachelor of Science: Computer Science

Expected in 06/2022

University of California - San Diego - La Jolla, CA

- GPA: **3.42**, Provost Honors Winter Quarter 2020, Winter Quarter 2019, and Fall Quarter 2019
- Course work in Introduction to **Artificial Intelligence** and Introduction to **Machine Learning**

## EXPERIENCES

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

07/2020 to 03/2021

- Designed the **project workflow** of a platform that accelerates the registration of **4000+ Chinese doctors** by **150%**
- Developed the web front end using **Vue.js**, completing **10 key functionalities** in **7 pages**
- Revamped the U.I. of a project using **Vue.js**, refactoring **~30%** of frontend functionalities across **12 different 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

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### ACM Vote ([git.io/JUQ2c](https://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](https://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](https://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, TypeScript, Vue.js, Bootstrap, D3.js, JavaScript, jQuery, JSON, Express.js

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