Michelle Lin

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EDUCATION

University of California, Irvine   **Expected Grad Date: June 2024**
B.S. in Software Engineering   *Irvine, CA*
- Relevant Coursework: Programming in C++, Intermediate Programming (Python), Software Design, Discrete Math, Computational Linear Algebra, Intro to Statistics & Probability for CS

San Joaquin Delta College   **August 2017 - May 2021**
A.A. in Interdisciplinary Studies: Arts, Humanities, & Social Sciences   *Stockton, CA*
- High Honors, GPA: 3.93

EXPERIENCE

Commit the Change   **October 2021 - Present**
Developer   *Irvine, CA*
- Designing and creating a database using **PostgreSQL** to organize student data, student groups, and schools
- Setting up an **Express** server to handle requests and writing backend routes in **JavaScript** for a website that allows a nonprofit called The Literacy Project to digitize literary assessment scorecards
- Connecting frontend to backend by working with frontend developers to ensure **React** components correctly render data
- Integrating client-side **pagination**, refactoring **SQL** queries to improve filtering, and adapting login and signup pages on a project for Abound Food Care
- Scheduling meetings, utilizing **GitHub** to receive feedback, and implementing **Agile** methodologies

Membership Director   **June 2022-Present**
- Organizing and overseeing recruitment of new talent by creating a timeline, writing an application, arranging coffee chats, and running meetings involving 12 board members and 9 project leads
- Teaming with the marketing director to develop a marketing campaign and increased recruitment by 34%
- Managing club membership throughout the year and being the main point of contact for 200+ current and potential members

ICS Student Council Fellowship Program   **January 2022 - March 2022**
Fellow   *Irvine, CA*
- Compiled my knowledge in GitHub, **HTML**, and **CSS** to create my personal website using GitHub pages
- Fixed icon views on mobile screens by rewriting class components into functional components in **React** and refactored code in an open source contribution to AntAlmanac

PROJECTS

Menti   **February 2022**
HackUCI 2022   *Irvine, CA*
- Participated on a team of 3 to design a social networking website that offered mentorship for college students in a feed that allows users to ask and answer questions
- Applied prior experience of working on a backend team and new knowledge gained from a workshop to write backend routes in **Javascript** that fetched data stored in **MongoDB** for our project

Cashier Simulator   **November 2021**
ZotHacks 2021   *Irvine, CA*
- Competed on a team to create a project that simulated the experience of a working a cash register and demonstrated use of our program at the end of the 2 day hackathon
- Self taught **HTML** and **CSS** during the hackathon in order to develop the front end for our ZotHacks project

Air Quality Project   **February 2022**
Programming With Software Libraries Class   *Irvine, CA*
- Found top areas with the highest AQI based on input for location, radius, and AQI threshold using **Python**
- Performed geocoding via Nominatim's API and utilized air quality data from PurpleAir's API