DANLING WANG
STUDENT | DEVELOPER | DESIGNER

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EDUCATION

University of California, San Diego   **2021**
Bachelor of Science
Overall GPA: **3.85**
Major: **Computer Science** | Minor: **Design**

Selected Coursework: Object-Oriented Design, Operating Systems, Advanced Data Structures, Database System Principles, Design for Development, Prototyping.

WORK EXPERIENCE

SDE Intern - Amazon AWS   **6/19 - 9/19**
React, GWT, SQL, AWS, UI/UX Design
- Worked in the Amazon Relational Database Service team to migrate the Reserved Instances page from GWT to React.
- Used React to create a production traffic analyzer with a detailed timeline of network requests to help the team identify client-side performance issues.
- Made the tool into a shared library to integrate with other AWS consoles.

Mobile App Developer - UCSD   **1/19 - Present**
React Native, Flutter, AWS, Figma, UI/UX Design
- Worked in Information Technology Services to introduce an RSVP feature to help the Basic Needs team track attendance of on-campus events.
- Used Flutter and AWS to create the feature in the UC San Diego mobile app and integrate it with an existing tool on the UC San Diego website.

Tutor - UCSD   **9/18 - 6/19, 3/20 - 6/20**
Java, Leadership, Teaching Techniques
- CSE 11 | Introduction to Computer Science and Object-Oriented Programming: Java
- CSE 12 | Basic Data Structures and Object-Oriented Design
- CSE 120 | Principles of Computer Operating Systems

RESEARCH EXPERIENCE

ReCode Health   **3/20 - Present**
React, UI/UX Design, Qualitative Research
- ReCode Health is a UC San Diego organization that informs ethical digital health research practices.
- Redesigned the Connected and Open Research Ethics (CORE) platform of ReCode Health, a resource library and online community for digital health researchers.
- Created redesigns by following UX principles to improve usability and functionality, and realized with React and Node.js.
- Analyzed transcripts of interviews with developers of digital health products to identify incentives and generate semi-structured interview questions.

SELECTED PROJECTS

Meal Delivery App   **6/19 - 9/19**
React Native, GraphQL, MongoDB, UI/UX Design
- Worked with six peers to create a group-buying meal ordering system around UC San Diego for consumers, merchants, and deliverers.
- Helped design and create two mobile apps with React Native and one web app with React.
- Incorporated learnings from team meetings and client feedback to create a user-friendly interface.

UC3D Education Project   **6/19 - 9/19**
React, GraphQL, MongoDB, UI/UX Design
- Used React and GSAP to create interactive data visualizations and animations
- Aimd to organize course content into an immersive narrative guided by visual components and track learning metrics for professors to gather feedback.

SKILLS

Languages: Javascript, HTML5, CSS3, Java, Python, C/C++, Assembly(ARM)

Others: React, React Native, Flutter, Git/Github, Vim, MongoDB, AWS, SQLite, Agile Software Development

Interests: UI/UX Design, Software Development, User Research