280 Burwood
Lake Forest, CA 92630
(626) 609-8456
rwang8456@gmail.com

Zhiyi Wang (Robert)

SKILLS

- 3+ years experience with front end development with React, JavaScript, TypeScript, and HTML5
- 1+ years experience with CSS frameworks (Tailwind CSS, Bootstrap)
- 1+ years experience with artificial intelligence, especially reinforcement learning
- Strong background in mathematics, especially in multivariable calculus and linear algebra
- I am comfortable with the following programming languages:
  - JavaScript/TypeScript/Python
  - HTML5/CSS
- Language proficiency:
  - English – Native speaker
  - Mandarin – Native speaker

EDUCATION

University of California, Santa Cruz — *Bachelor of Science, Computer Science*

September 2019 – July 2024

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Artificial Intelligence, Machine Learning

EXPERIENCE

BC142434, Vancouver, Canada – *Secret Chamber Chatting System (Front end, UI)*

December 2023 – February 2024

- URL: https://mslt.online
- Description: End-to-end encrypted video conference web app
- Implemented all user interfaces
- Implemented Redis database for logging, statistics keeping, system data recording and data persistence
- Key skills: TypeScript/Bootstrap/React/Redis

ChargeFUZE, Los Angeles, CA — *Marketing and Business Development Intern*

July 2021 – May 2023

- Representative of the company at 20+ sporting, music, and public events as a Brand Ambassador, promoting product awareness and educating attendees through interactive demos and presentations.
- Responsible for driving user engagement, educating prospective product users, addressing customer inquiries, and initiating 500+ rentals at events.
- Coordinated logistics and set-up for event activations in California such as the Rose Bowl, Outside Lands, and BottleRock music festival, ensuring impactful and professional product displays and presentations.

ChargeFUZE, Los Angeles, CA — *Translator*

July 2022 - January 2023

- Leveraged bilingual proficiency in Mandarin and English to provide simultaneous translation during meetings between leadership and manufacturing partners, maintaining clarity of all nuanced details and requests to enable effective cross-border operations.

Lindamood-Bell Learning Process, Pacific Palisades, CA — *Educational Therapist*

August 2022 - November 2022

- Applied specialized, research-based instructional techniques to teach reading comprehension, spelling, math skills, and learning strategies to students with dyslexia, autism spectrum disorder, and other learning disabilities.
- Provided personalized academic interventions and targeted tutoring to help struggling students overcome learning gaps and achieve grade-level proficiency in core subjects.

CERTIFICATES

- **Sample-based Learning Methods**
  University of Alberta, Alberta Machine Intelligence Institute, Nov 2023
  Credential ID: RS7VQXZR4RJM
  Credential URL:
  https://www.coursera.org/account/accomplishments/records/RS7VQXZR4RJM
  Relevant skills: Specific reinforcement learning algorithms: TD learning, Q learning, SARSA, Dyna-Q

- **Fundamentals of Reinforcement Learning**
  University of Alberta, Alberta Machine Intelligence Institute, July 2023
  Credential ID: 8N7PSD9BVBED
  Credential URL:
  https://www.coursera.org/account/accomplishments/records/8N7PSD9BVBED
  Relevant skills: Reinforcement Learning, Markov Decision Process, Bellman Equations, Dynamic Programming

- **React Nanodegree**
  Udacity, October 2022
  Credential URL: confirm.udacity.com/SC7VXPJJ
  Relevant skills: React, Redux

LICENSE

- **Private Pilot License**
  September 2023 to Present