

Yiu Ming Wong

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EDUCATION

University of California, Riverside

Bachelor of Science

Major in Computer Science

Cumulative GPA: 3.61 /4.0

Riverside, CA

Oct 2020 - Mar 2023

WORK EXPERIENCE

Nutripair

Full-Stack Developer

Irvine, CA

Jan 2024 – Present

- Translate complex Figma designs into pixel-perfect and responsive React Native components, accelerating the development of critical features for Nutripair by 12%
- Collaborate closely with the design team to ensure accurate UI/UX execution within tight deadlines, fostering effective cross-functional communication
- Spearhead render optimization strategies, achieving a 10% decrease in page load time during pre-launch testing

Ten Ren's Tea Time

Supervisor

Alhambra, CA

Apr 2017 – Sep 2020

- Supervised up to 6 employees in a fast-paced environment; established a team-oriented work environment to promote a positive and productive atmosphere
- Implemented cost-control methods through employee scheduling and inventory management
- Oversaw training program for all new employees; trained, mentored, and evaluated each trainee

PROJECTS

Market Tracker

Sept 2023

- Developed a stock market platform showcasing near-real-time NASDAQ, S&P 500, and Dow Jones indices, live market news, and a customizable stock search widget
- Leveraged React for the front-end, Node.js for the back-end, and integrated diverse APIs to ensure seamless data persistence
- Developed interactive features, prioritizing an engaging user experience, and established the foundational architecture of the platform

8-Puzzle AI Solver

Nov 2022

- Incorporated three search algorithms (Uniform Cost Search, A* Misplaced Search, A* Manhattan Distance Search)
- Created a traceback feature that shows the optimal moves to solve the puzzle

Traffic Accident Data Analytics

Jan 2022

- Collaborated with a team of students to develop a website that creates analytics on over 3 million traffic accidents
- Leveraged React for the front-end, Node.js for the back-end, and integrated diverse APIs to ensure seamless data persistence
- Developed interactive features, prioritizing an engaging user experience, and established the foundational architecture of the platform

Graphic Calculator

Oct 2020

- Created a graphing calculator in C++ that uses the SFML library to display the graphs
- Demonstrated object-oriented programming principles and design patterns such as composite pattern and visitor pattern

ADDITIONAL

Technical Skills: HTML/CSS, Javascript/Typescript, Node.JS, Express.JS React/React-native, SQL, Git, Python, Figma, Firebase, AWS, C++

Languages: Fluent in English and Cantonese

Certifications & Training: Programming with Javascript (Coursera), Advanced React (Coursera)