Ryan Woo

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Experience:

UCSF

Information Systems Analyst   *February 2025 - Present*

- Developed and deployed a dynamic front-end system using ReactJS, improving data visualization and user workflow efficiency.
- Created and implemented a SQL database to organize and store critical operational data
- Built multiple high-end computers optimized for machine learning and large language model workloads, enabling faster model training and improved computational efficiency.

RPM NYC

Front-End Developer   *May 2023 - January 2025*

- Developed a responsive React-based website for RPM NYC, ensuring seamless functionality across devices.
- Utilized React hooks and state management for creating a maintainable and interactive web experience.
- Utilized CSS3, Flexbox, and Grid alongside the Framer Motion React library to create dynamic layouts and enhance user engagement with smooth, interactive animations.
- Integrated optimized images, lazy loading, and code-splitting in the React build process to improve website performance and reduce initial load times.

Custom PC Builder

Freelancer   *March 2021 – Present*

- Assembled, configured, and tested custom PCs for more than 35 clients, ensuring optimal performance, stability, and aesthetic appeal, and achieving a perfect customer satisfaction rating.
- Created 28 tailored lists of computer hardware components that match clients' specific usage, requirements, and financial plans
- Demonstrated comprehensive understanding of computer hardware to help clarify clients concerns
- Provided ongoing technical support, troubleshooting, and upgrade recommendations to maintain peak system performance over time.

Education:

St. John's University

Bachelor of Science in Computer Science   *Graduated May 2022*

- GPA: 3.5/4.00
- Awards: Dean's List (Fall 2018 - Spring 2022), Academic Promise Award, St. John's University Grant, National Honors Society
- Relevant Coursework: Advanced Data Structures, Software Design Methods, Advanced Database Management Systems, System Analysis, Web Development, UI/UX Design

Skills:

Languages: JavaScript, SQL, HTML5, CSS3 | **Frameworks**: ReactJS, Express, Framer Motion | **Tools**: Node.js, Git, VS Code, MySQL, PostgreSQL, MongoDB

Additional:

- **Interests:** Web Design, Computer Hardware, Dragon Boating, Lion Dance, Pickleball, Basketball, Spikeball, Cars