

Tyler Wu

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EDUCATION

University of California, Berkeley | College of CDSS **Berkeley, California**

B.A. in Data Science | GPA 3.98/4.0

Expected Graduation: Fall 2026

Relevant Coursework: Data Structures, Structure and Interpretation of Computer Programs, Foundations of Data Science, Principles and Techniques of Data Science, Probability for Data Science

EXPERIENCE

Rapid Reviews Infectious Diseases (RR\ID) **Berkeley, CA**

Undergraduate Research Assistant - Under Dr. Stefano Bertozzi September 2024 – January 2025

- Evaluated quality of peer reviewers and pitched preprints at weekly team meetings and editorial meetings
- Gained experience with reading and analyzing scientific literature and the literature review process

Irvine iCare Optometry

Irvine, CA

Optometric Tech

June 2019 - Present

- Organized and alphabetized 15,000 patient files at an optometrist clinic
- Helped develop system to transfer thousands of patient files into an electronic health record (EHR) database through converting paper files to electronic health records
- Interacted with patients and assisted with providing visual health care, shadowed optometrist, and learned patient examination procedures and about patient care and etiquette

Li Lab

Riverside, CA

Undergraduate Research Assistant

April 2024 - June 2024

- Completed statistical genomics courses and participated in weekly lab meetings

Rubicon Biotechnology

Irvine, CA

Lab Intern

June 2022 - September 2023

- Performed laboratory experiments to determine viability of different protein purification processes on the Fv-Hsp72 protein
- Accessed and compiled data from various protein databases to build and connect evolutionary trends between organisms
- Researched methods of modeling protein-DNA interactions through protein docking software
- Practiced lab maintenance and safety, developed standards of procedure (SOPs) for certain lab experiments

SKILLS & INTERESTS

Programming Languages: Python, R, Java, SQL

Libraries: NumPy, Matplotlib, Seaborn, Scikit-learn, SciPy, ggplot2, dplyr

Lab Skills: Gel Electrophoresis, Bradford Assays, Western Blot

Interests: Sports Analytics, AI Agents, LLMs, Database Management, Quantum Computing