Tyler Wu

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EDUCATION

University of California, Berkeley | College of CDSS   **Berkeley, California**
B.A. in Data Science | GPA 3.982/4.0   **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, Discrete Mathematics

EXPERIENCE

Rapid Reviews Infectious Diseases (RR\ID)   **Berkeley, CA**
Undergraduate Research Assistant - Under Dr. Stefano Bertozzi September 2024 – January 2025
- Evaluated quality of hundreds 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

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 UniProt and NCBI 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

PROJECTS

Personal Portfolio Website
- Created an interactive personal portfolio to showcase my work and experience using HTML and CSS hosted on GitHub pages

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