

Tian Qiu

Contact	Mailing: Division of Biostatistics/Epidemiology 2121 Berkeley Way #5302 Berkeley, CA 94720-7360	Preferred name: Sky Qiu Email: sky.qiu@berkeley.edu Web: https://tq21.github.io
Education	University of California, Berkeley CA MA-PhD in Biostatistics	Fall 2021 - Spring 2026 (expected)
	University of Washington, Seattle WA B.S. in Applied and Computational Mathematical Sciences (Departmental Honors) Honors Thesis: <i>Risk Factors for Hospital Readmission in Patients with Type 2 Diabetes Using Survival Analysis Methods</i> Thesis Advisor: Professor Elizabeth A. Thompson	Summer 2017 - Spring 2021
Research Experience	Washington Experimental Mathematics Lab Student Researcher (COVID-19 Project) Supervisors: Jake Levinson, Ph.D. and Jarod Alper, Ph.D. - Investigated the impact of varying contacts among age groups on the number of infected individuals by applying contact matrices to an age-structured extended SEIR model; evaluated the effect of social-distancing on the disease spread in King County, Washington. - Built a Rshiny interactive website for visualizing dynamics of the disease	Spring 2020
	Najafian Lab: Pathobiology of Kidney Diseases Student Researcher Supervisor: Behzad Najafian, M.D. - Machine learning, electron microscopy image segmentation - https://dlmp.uw.edu/research-labs/najafian/	Fall 2020 - Winter 2021
Teaching Experience	Teaching Assistant University of California - Berkeley - PB HLTH 142: Introduction to Probability and Statistics in Biology and Public Health	Fall 2021
	University of Washington - INFO 180: Introduction to Data Science	Fall 2020
	Grader University of Washington - STAT 311: Elements of Statistical Methods - STAT 311: Elements of Statistical Methods	Spring 2021 Winter 2021
Honors	University of Washington - Phi Beta Kappa Honor Society	2021
Certifications	TensorFlow Developer Certificate, Google Best Machine Learning Model, University of Washington Datathon	July 2020 May 2020

Activities

University of California - Berkeley
- *Vice President*, Biostatistics Graduate Student Association **2021**

University of Washington
- *Violinist*, University of Washington Symphony Orchestra **2018 - 2019**
- *Volunteer Statistical Consultant*, StatCom **2018 - 2021**

Skills

Languages: R, Python, SQL, Java
Other: L^AT_EX