

# Jessica Li

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[jesstsomethoughts.github.io](https://jesstsomethoughts.github.io)

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## EDUCATION

University of California, Los Angeles

Expected Mar 2023

- GPA: 4.0 | *BS in Computational & Systems Biology, Minor in Digital Humanities*
- Relevant Courses: Probability and Statistics, Linear Algebra, Differential Equations, Discrete Math, Programming with R and C++, Modeling for Life Sciences, Public Health Fundamentals, Biology, Physics, Chemistry, Philosophy, World Politics, Global Media and Information, Digital Humanities

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## SKILLS

Languages: Chinese (bilingual proficiency), Spanish (limited working proficiency)

Programming: HTML, CSS, JavaScript, Bootstrap, React.js, Python (NumPy, Pandas, Selenium), C++, R, Tableau, SQL, AWS

Other: Adobe Suite (Photoshop, Illustrator, Indesign); Microsoft Office (Excel, Word, Powerpoint); CPR and First Aid Certified

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## RELEVANT EXPERIENCE

*Research Assistant*, Native Hawaiian and Pacific Islander Data Policy Lab

Aug 2021—Present

- Track COVID-19 data for the NHPI population, data cleaning a million+ rows of census data with R and Python scripts, creating [dashboards](#) and [linear regression models](#)
- Work cited in 3 [papers and podcasts](#), generating positive feedback among local community organizations and individuals

*Research Assistant*, Ritz Epidemiology Lab

Jun—Sept 2021

- Conducted data collection and consistency checks with R and combed through Access databases for 10,000+ participants in Parkinson's, Environment, and Gut study
- Created 3 new databases with 100+ tables and inputs for Phase 3 of the study, ensured data accuracy with regular data checks

*Co-Founder*, Find My Vax Santa Clara

Mar—Jun 2021

- Developed [React-based website](#) and Twitter bot for county residents to centralize COVID-19 vaccine appointment access after compiling information from 20+ website scrapers
- More than 10,000 site users and booked vaccine appointments that led to collaboration with Gardner Health Services and its affiliated partners

*Peer Learning Facilitator*, Academic Advancement Program

Sept 2020—Present

- Coded 3 course-specific escape rooms and created 50+ pages of worksheets in academic workshops for up to 20 students in programming and organic chemistry courses

- Lead discussions and promote discussions and connection among peers, which reflected in increased exam scores by more than one letter grade and friendships outside of session

*Research Intern, Complete Genomics/BGI*

Jul—Sept 2020

- Improved the efficiency of the sales funnel by creating 2 quote calculators for 90+ products through writing up to 5-line Excel formulas
- Advocated for and researched COVID-19, creating more than 100 pages of informational content published on company's website

*The Stack & Arts and Entertainment Contributor, Daily Bruin*

Oct 2019—Present

- Collect and analyze data to develop interactive visualizations for student newspaper's data & tech blog with Python and JavaScript libraries
- Research stories, contact and interview sources, and produce articles in fast turnarounds of less than a week; attend section meetings and meet with editors weekly

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### ADDITIONAL EXPERIENCE

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*Finance Director, Los Angeles Community Engagement and Services*

Sept 2021—Present

- Co-founded community service organization dedicated to providing sustainable volunteering opportunities
- Lead a team of 5 members to apply for \$5000+ in grants

*Director, Fellowship for International Service and Health*

Sept 2020—Present

- Lead a team of 10 associates to provide health and educational services for the community of Maclovio Rojas, Mexico
- Manage and apply for more than \$10,000 received in grants annually

*Co-Founder, Metanoia Company*

Jul 2020—Present

- Edtech startup in the Startup Labs UCLA Fellow Cohort, managing 10 interns in expanding literacy and discourse for children
- Built React website from scratch, developing custom virtual library of more than 100 books, preparing to deploy on Amazon Web Services (AWS)

*Research Assistant, UCLA Depression Grand Challenge*

Sept 2019—Sept 2020

- Ensured high quality and clinical best-practices of 700+ unique pieces of online cognitive behavioral therapy modules through comprehensive copywriting and analyzing content
- Researched the link between mental health and homelessness in college student populations and how to adapt treatment to specific barriers

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### HONORS, AWARDS & INTERESTS

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Dean's Honors List x7 — all quarters at UCLA

Chi Am Circle Scholarship Recipient, May 2019

Interests: cheesy but gouda puns, hiking/running up mountains, piano/guitar/ukulele