

Kevin Weng

Sproul Hall, Room 774, 330 De Neve Drive, Los Angeles, CA, 90024
kevinweng@g.ucla.edu | kevweng.github.io | 650.808.7678

EDUCATION **B.S. in Mathematics**, University of California, Los Angeles (UCLA) *c.o. 2022*
ACT: 35 | SAT Math II: 800
Relevant Coursework: Probability Theory (Two Courses), Linear Algebra (Honors), Analysis (Honors), Multivariable Calculus, Intro to Computer Science I, Differential Equations, Logic, Mechanics.

SKILLS **Programming Languages:** Python, R, C++, L^AT_EX, SQL

Technologies: Pandas, Git, Vim, NumPy, Excel, TensorFlow, Keras, Linux/UNIX

EXPERIENCE **Biostatistics Intern @ Goodarzi Lab (UCSF)** *May 2017 - Feb 2018*
San Francisco, CA

- Implemented analysis of ribosome profiling datasets into an R framework at the Goodarzi Lab under Hani Goodarzi, Ph.D.
- Programmed a package in R using logistic regression and normalization to ribosome sequencing data.
- Created a predictive model for metastatic/non-metastatic breast cancer cell lines.

President, Millbrae Branch *Sep 2016 - Jun 2018*
Burlingame, CA

- Synthesized research papers into informational articles for website.
- Taught students topics including the immune system and immunotherapies.
- Partnered with professors and doctors at Stanford and UCSF to expand research opportunities. Featured in SF Chronicle and CBS SF Bay Area.

PROJECTS **Quantitative Research** *Jun 2019 - Current*
San Mateo, CA

- Developing a backtester for different algorithmic trading strategies using Python.
- Testing mean reversal and momentum strategies on historical data.
- Planning an automated execution trading system.

Personal Portfolio Management *Jun 2016 - Current*
San Mateo, CA

- Trading a \$125,000 portfolio using back-tested strategies for signaling.
- Researching stock/ETF markets and strategies to evaluate trading decisions.
- Managing portfolio risk through ETF strategies and diversification in securities.

INTERESTS Quantitative Research, Deep Learning, Trading, Civilization, Coffee, Fitness, Photography, Piano, Writing, Poker, Badminton, Reading.

LINKS [linkedin.com/in/kevweng](https://www.linkedin.com/in/kevweng)
github.com/kevweng