

Kevin Weng

145 N Idaho St. San Mateo, CA, 94401
kevinweng@g.ucla.edu | [650.808.7678](tel:650.808.7678)

EDUCATION **University of California, Los Angeles (UCLA)** *c.o. 2022*
BS. Mathematics, B.S. Statistics; Specialization in Computing
ACT: 35 | SAT Math II: 800
Coursework: Probability Theory, Stochastic Processes, Linear Algebra (Honors), Enumerative Combinatorics, Optimization, Machine Learning, Complex Analysis, Algorithms
Activities: ACM Artificial Intelligence

SKILLS **Programming Languages:** Python, R, C++
Technologies: Pandas, Git, Vim, NumPy, Jupyter, Excel, \LaTeX , 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 and non-metastatic breast cancer cell lines.

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

- Synthesized research papers into informational articles for our website.
- Taught students topics including the immune system and immunotherapies.
- Partnered with professors and doctors at Stanford and UCSF to expand research opportunities.

PROJECTS **Global Video Game Sales Predictor** *Jun 2020 - Current*
San Mateo, CA

- Developing a model to predict global video game sales through local sales data and meta-game data.
- Exploring the efficacy of regression models including linear regression, Random Forest, and K-Nearest Neighbors.

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.
- Working on an event driven automated execution trading system.

INTERESTS Quantitative Research, Deep Learning, Trading, Civilization, Coffee, Fitness, Piano

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