

# Kevin Weng

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**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,  $\text{\LaTeX}$ , 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](https://github.com/kevweng)  
[kevweng.github.io](https://kevweng.github.io)