Kevin Weng

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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++, LATEX, 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 and 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 stratetgies 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 github.com/kevweng