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, Linear Algebra (Honors), Multivariable Calculus, Intro to Computer Science I, Differential Equations, Logic, Mechanics.

SKILLS

Programming Languages: Python, R, C++, Java, LaTeX, SQL, MATLAB

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 with Hani Goodarzi, Ph.D. and Hosseinali Asgharian, 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 articles for website.
- Taught students topics including the immune system and immunotherapies.
- Partnered with professors and doctors at Stanford and UCSF as well as the American Cancer Society and LLS. 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 trading system through Interactive Brokers.

Personal Portfolio Management   *Jun 2016 - Current*
San Mateo, CA
- Trading a $75,000 portfolio using fundamental strategies.
- Researching stock/ETF markets and individual companies to evaluate trading decisions.
- Managing portfolio risk through diversification.

INTERESTS

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

LINKS

linkedin.com/in/kevweng
github.com/kevweng