Steven Cheun

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Education

California State University, East Bay | **Hayward, CA** **Summer 2026**
Data Science B.S. - Computer Science Minor, GPA: 4.0
Honors: Dean's List (Fall 2024), PALiISaDS Scholar (NSF-funded program supporting low-income, high-achieving students in statistics and data science)

Laney College | **Oakland, CA** **Spring 2024**
Mathematics AS-T, GPA 3.48

Relevant Coursework

Mathematics & Statistics:
Calculus Series, Linear Algebra, Differential Equations, Probability, Statistical Inference, Introductory Linear Regression, Introductory ANOVA
Data Science & Computing:
Data Analysis with Python, R for Data Science, Statistical Learning, Computer Science I
Natural Sciences:
General Biology, General Physics Series, General Chemistry Series, Organic Chemistry Series

Work Experience

Kumon Math and Reading | *Instructor & Inventory Manager* | **Oakland, CA** **03/2021 - Present**

- Provided individualized support to up to 70 students weekly in grades 1–12 in both math and reading, focusing on skill development through one-on-one instruction.
- Promoted flexible mathematical reasoning and reading comprehension through alternative strategies and pattern-based, concept-driven learning.
- Shared insights with parents regarding their child's progress and learning style, encouraging collaboration and ongoing support for their educational development.
- Oversaw inventory across 20+ curriculum levels, organizing thousands of worksheets & materials to support uninterrupted daily instruction.

Projects

Text Classification Using LSTM Neural Networks *(Python, TensorFlow/Keras, Keras Tuner, Scikit-learn, Pandas)*

- Enhanced two NLP models using Bidirectional LSTM for spam detection and sentiment analysis across over 15,000 emails and product review texts.
- Designed and optimized final architectures with Keras Tuner, dropout regularization, and class balancing over a two-week development cycle.
- Achieved 98.7% test accuracy for binary spam detection and 85.7% on multi-class sentiment classification using tuned BiLSTM architecture.

Technical Skills

Programming: Python (Pandas, NumPy, Seaborn, Scikit-learn, Tensorflow), R (Tidyverse, Dplyr, Ggplot2, Tidymodels)
Data Science: Data Cleaning, Data Visualization, Data Modeling, Statistical Inference & Testing, EDA
Machine Learning: Regression (Linear, Polynomial, Logistic, Lasso), Classification (Decision Trees, Random Forest), Clustering (k-NN, k-means), Model Tuning, NLP (Basic)
Software & Tools: Quarto, Git (Basic), LaTeX (Basic), Google Suite Proficiency
Databases: SQL (Basic)