Kate C. Feng

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EDUCATION

University of California, San Diego *Expected July 2027*
Bachelor of Science in Data Science, Minor in Marketing
Relevant Coursework: Theoretical Foundations of Data Science, Data Structures and Algorithms for Data Science, Workshops in Data Science, Product Marketing and Management, Linear Algebra

EXPERIENCE

Data Analyst Intern *September 2024 - Present*
Y Montessori *San Diego, CA*
- Analyzed data from Montessori schools nationwide, integrating web scraping, Python, and BeautifulSoup to create market visualizations.
- Developed monthly dashboards using Excel and Tableau, summarizing nationwide Montessori education data, and created custom dashboards for leaders in the Montessori community (AMI).
- Leveraged data-driven insights to guide feature design and enhancements for the app using Figma.

Data Science Tutor *April 2024 - Present*
Halıcıoğlu Data Science Institute, UC San Diego *San Diego, CA*
- Shared study strategies and coding tips during one-on-one quiz reviews and weekly office hours.
- Applied Python and data science concepts, such as regression and permutation, in exam creation.
- Contributed to front-end development of the BabyPandas (course software library) reference website.

Marketing Specialist *February 2022 - Present*
Mikayla Geier (Content Creator) *San Jose, CA (Remote)*
- Managed content and optimized captions with trending hashtags for YouTube Shorts.
- Drove annual growth of 100K new subscribers, 60M views, and 5M likes through strategic optimization.
- Scaled the channel from 10K to 200K subscribers, achieving a 1000% increase in engagement.

Student Instructor *August 2021 - June 2023*
LeeJon Taekwondo *San Jose, CA*
- Instructed students ages 3 to 65, evaluating them for belt testing and delivering constructive feedback.
- Designed and implemented engaging curriculums for weekly beginner classes with over 20 students.

LEADERSHIP

Data Science Student Society *September 2023 - February 2025*
Marketing Director *San Diego, CA*
- Increased the club's followers by 700+ in one month through viral Reels (6M+ views).
- Lead a team of six, organizing weekly meetings to strategize and delegate promotional initiatives.
- Revamped the Instagram account with weekly Reels, contributing to over 50% of event attendance.
- Marketed first in-person Hackathon via Discord, TikTok, and newsletters, garnering over 220 sign-ups.

VOLUNTEERING

Overseas Community Affairs Council, Taiwan (R.O.C.) *` June 2024 - August 2024*
AID Overseas English Teacher in Taiwan *Miaoli, Taiwan*
- Used Mandarin and English to develop and teach an English curriculum for elementary school students in rural Taiwan.

Whole Brain Health Initiative *December 2021 - July 2024*
Lead Video Editor *San Jose, CA (Remote)*
- Edit Fitness Trivia videos aimed at combating dementia among seniors.

SKILLS

Technical skills: Python (NumPy, NLP, Pandas, Beautiful Soup), Tableau Desktop/Public, MS Office, Java, GitHub.
Language skills: Native proficiency in both spoken and written Mandarin, Chinese.