

Mingchen (Michelle) Wang

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EDUCATION

University of California, Los Angeles

Bachelor of Science in Statistics and Data Science, Minor in Digital Humanities

Los Angeles, California

Expected Jun 2024

University of California, Santa Barbara

Bachelor of Science in Statistics and Data Science, Minor in Japanese

Goleta, California

2021 - 2022

GPA: 3.60

EXPERIENCE

Product Analytics Intern

Fox Corporation

September 2023 - Present

Los Angeles, California

- Delivered dashboards and reports to understand user needs based on product usage data.
- Communicated new solutions, created checkpoints and balanced projects with Linear. Improved internal documentation and presentations.

Audience Data Research Intern

Fox Corporation

June 2023 - August 2023

Los Angeles, California

- Using random forest, gradient boosting, XGBoost and various statistical models, predicted currency estimates and total viewership metrics from over 500000 rows of data using R.
- Generated analyses and delivered reports of FOX's overall performance in the competitive landscape.

Data Processing Research Lead

UCLA Physics and Astronomy Center

March 2023 - Present

Los Angeles, California

- Processed, cleaned, analyzed data from magnetic field measurements for magneto-seismic investigations.
- Used magnetometer data to develop and communicated predictive space weather models, maps, visualisations, time-series analysis.

Student Worker

UCLA Alumni Center

April 2023 - July 2023

Los Angeles, California

- Organized, collected, maintained UCLA Alumni database through CRM and Smartsheet. Cleaned and collected marketing data to help engage alumni in programming and initiatives. Communicated using Jira.
- Designed websites and posters using Canva, Wordpress, Adobe Illustrator, Adobe Photoshop, and Adobe Acrobat.

Marketing Intern

Student Medicover

February 2023 - May 2023

Los Angeles, California

- Collected and analyzed data using R and Excel to understand market needs and determine the best marketing strategy.
- Communicated with teams and developed solutions to expand current market.

PROJECTS

[The Happiness Hackers Project] | R, SQL, Tableau

June 2023 - Aug 2023

- Designed and refined visualizations for data using Tableau and SQL. Assisted in Web development.
- Made connections between 3 different data sources and tables, cleaned over 400000 rows of data using SQL. Developed predictions and analyzations, delivered data storytelling finds of the pandemic impact on World Happiness.

[Life Expectancy Prediction] | R, SQL

Jan 2023 - March 2023

- Developed predictive model using several advanced statistical method to analyze the relationship between life expectancy and various factors in 110 countries.
- Assessed, cleaned and summarized data sets from 3 different sources using statistic diagnostic tools.

TECHNICAL SKILLS

Coding: R, Python, SQL, C++, HTML, CSS

Tools: Excel, R markdown, R studio, Tableau, Adobe Illustrator, Adobe Photoshop, Adobe After Effects, MS Office, Google Workspace, Blackbaud CRM, Jira Service Management, Jupyter Notebook, Git, PyCharm, Wordpress, Canva

Languages: Mandarin (Fluent), English(Fluent), Japanese(Intermediate)

Hobbies: Chess, Digital Design, Language Learning, Kendo