

Yuanyuan Zeng

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EDUCATION

Columbia University, Mailman School of Public Health, New York, NY

Master of Science, Biostatistics

Expected May 2023

- Relevant courses: Data Science, Biostatistical Methods, Principles of Epidemiology, Latent Variable Measurement and Structural Equation Modeling for Health Science
- GPA: 3.81/4.00

University of California at Davis, Davis, CA

Bachelor of Science, Food Science, Technology Management (Minor)

June 2021

- GPA: 3.85/4.00

WORK EXPERIENCE

GENERAL MILLS

Shanghai, China

Sensory Science Intern

Mar.-June 2021

- Supported new product developments by organizing and reporting the data from shelf-life testing to determine the shelf-life period and storage conditions
- Evaluated sensory attributes of frozen food products by scheduling and performing shelf-life testing

DAVIS SENSORY INSTITUTE

Davis, CA

Data Analyst Intern

Oct. 2019-Mar. 2021

- Coordinated descriptive analysis studies and consumer studies to help clients gain insights into products and consumers' perception
- Analyzed data to provide detailed product profiles by using R and Excel to perform multivariate analysis of variance and multiple comparisons; calculated least significant difference and JAR significance to show correlation between attribute values and acceptance of overall products
- Visualized findings and used principal component analysis to create plots distilling high-dimensionality product data, as well as creating penalty graphs to further business insight
- Supported the team by recording meeting content for the Quantitative Descriptive Analytics Panel and corresponding focus groups

ACADEMIC PROJECT

Parking Violation in NYC

Nov.-Dec. 2021

- Investigated parking violations in NYC with existing large datasets from NYC OpenData by using R for analysis and Github for version control
- Built a website and generated a written report with statistical analysis and summary tables, figures, and maps for exploratory and spatial analysis; ranked in the top 5 of final projects in the class

SKILLS

Computer Skills: Statistical Programming in R and SAS; MS Office software (Word, Excel, PowerPoint)

Statistical Analysis Skills: Descriptive Analysis, Regression Analysis, Hypothesis Testing, Data Reduction Techniques, Predictive Analysis, Exploratory Factor Analysis, Latent Class Analysis