

LISA WANG

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PROFESSIONAL SUMMARY

Data analyst with 1.5 years of professional experience and a strong educational background in mathematics and computer science. Skilled in statistical analysis, data visualization, and machine learning fundamentals. Seeking to grow into a data scientist role to apply technical skills to more complex data problems.

SKILLS

- **Programming Languages:** Python (Advanced), SQL (Intermediate), R (Basic)
- **Data Science Libraries:** Pandas, NumPy, scikit-learn, Matplotlib, Seaborn
- **Statistical Methods:** Regression Analysis, Hypothesis Testing, A/B Testing
- **Machine Learning:** Classification, Clustering, Random Forests, Gradient Boosting
- **Databases:** PostgreSQL, MySQL
- **Tools:** Git, Jupyter Notebooks, Tableau, Excel

PROFESSIONAL EXPERIENCE

DATA ANALYST

E-commerce Analytics, Mountain View, CA

January 2022 - Present

- Conduct exploratory data analysis on customer purchasing patterns and website interactions
- Build and maintain dashboards to track key business metrics and KPIs
- Develop classification models to predict customer churn with 76% accuracy
- Perform A/B testing to optimize website features and marketing campaigns
- Create automated reports for various departments using Python and SQL
- Collaborate with marketing and product teams to translate business questions into analytical frameworks

DATA SCIENCE INTERN

TechStart Inc., San Francisco, CA

May 2021 - August 2021

- Assisted in building predictive models for customer segmentation
- Cleaned and preprocessed large datasets for analysis
- Created data visualizations to communicate insights to stakeholders
- Participated in weekly team meetings and agile development processes
- Contributed to the development of an internal analytics dashboard

EDUCATION

MS in COMPUTER SCIENCE (Specialization in Machine Learning)

Stanford University, Stanford, CA

2019 - 2021

- GPA: 3.9/4.0
- Thesis: "Semi-Supervised Learning Approaches for Text Classification with Limited Labeled Data"
- Relevant Coursework: Machine Learning, Artificial Intelligence, Natural Language Processing, Data Mining, Algorithm Design

BS in MATHEMATICS

University of California, Berkeley, Berkeley, CA

2015 - 2019

- GPA: 3.85/4.0
- Minor: Computer Science
- Relevant Coursework: Linear Algebra, Statistical Methods, Probability Theory, Data Structures

PROJECTS

- **Customer Segmentation Analysis:** Applied k-means clustering to identify customer segments based on purchase history and browsing behavior
- **Sentiment Analysis Tool:** Developed a model to analyze product reviews using NLP techniques
- **Recommendation Engine:** Created a content-based filtering algorithm for product recommendations
- **Time Series Forecasting:** Built models to predict future sales trends based on historical data

CERTIFICATIONS

- Tableau Desktop Certified Associate
- DataCamp Data Scientist with Python Career Track

- Stanford Machine Learning Certificate (Coursera)

ADDITIONAL INFORMATION

- Volunteer data analyst for a local nonprofit, helping optimize donor engagement strategies
- Member of Women in Data Science (WiDS) organization
- Fluent in English and Mandarin Chinese