

EMILY JOHNSON

e.johnson@email.com | (628) 555-4231 | linkedin.com/in/emilyjohnson | San Francisco, CA

PROFESSIONAL SUMMARY

Recent MS in Data Science graduate with strong academic foundation and internship experience in machine learning and statistical analysis. Seeking a data scientist position to apply analytical skills and contribute to solving complex business problems through data-driven insights.

SKILLS

- **Programming Languages:** Python (Advanced), R (Intermediate), SQL (Intermediate)
- **Data Science Libraries:** NumPy, Pandas, scikit-learn, TensorFlow (basic), Keras (basic)
- **Statistical Analysis:** Regression, Classification, Clustering, Hypothesis Testing
- **Data Visualization:** Matplotlib, Seaborn, Plotly, Tableau
- **Databases:** PostgreSQL, MySQL
- **Tools:** Git, Jupyter Notebooks, Google Colab

PROFESSIONAL EXPERIENCE

DATA SCIENCE INTERN

HealthTech Solutions, San Francisco, CA

May 2023 - August 2023

- Developed a machine learning model to predict patient no-shows, achieving 78% accuracy
- Performed exploratory data analysis on patient demographic and appointment data
- Created data visualizations to communicate findings to non-technical stakeholders
- Collaborated with product team to implement model insights into the scheduling system
- Participated in agile development processes and weekly sprint reviews

RESEARCH ASSISTANT

University of California, Berkeley - Data Science Department, Berkeley, CA

September 2022 - May 2023

- Assisted professor with research on natural language processing applications in healthcare
- Implemented and evaluated various text classification algorithms
- Preprocessed and cleaned large textual datasets from electronic health records

- Co-authored a research paper submitted to a data science conference
- Provided support for undergraduate data science courses as a teaching assistant

MARKETING ANALYST INTERN

Digital Marketing Agency, San Francisco, CA

June 2021 - August 2021

- Analyzed digital marketing campaign performance data using Excel and basic Python
- Created reports and dashboards to visualize key performance metrics
- Assisted in developing A/B testing strategies for email marketing campaigns
- Performed customer segmentation analysis for targeted marketing efforts

EDUCATION

MS in DATA SCIENCE

University of California, Berkeley, Berkeley, CA

2022 - 2023

- GPA: 3.85/4.0
- Thesis: "Machine Learning Approaches for Early Detection of Chronic Diseases"
- Relevant Coursework: Machine Learning, Statistical Methods, Big Data Analytics, Natural Language Processing, Deep Learning

BS in STATISTICS

University of California, Davis, Davis, CA

2018 - 2022

- GPA: 3.7/4.0
- Minor: Computer Science
- Relevant Coursework: Probability Theory, Linear Algebra, Data Structures, Algorithms, Database Systems

PROJECTS

- **Disease Prediction Model:** Developed a random forest classifier to predict diabetes risk based on patient health markers (88% accuracy)
- **Sentiment Analysis Tool:** Created an NLP pipeline to analyze customer reviews and categorize feedback for product improvement

- **House Price Prediction:** Built and compared multiple regression models to predict housing prices using the Ames Housing dataset
- **Customer Segmentation:** Applied k-means clustering to identify customer segments based on purchasing behavior

CERTIFICATIONS

- IBM Data Science Professional Certificate
- DataCamp Data Scientist with Python Career Track
- Google Analytics Individual Qualification