ANNA LEE

Data Scientist

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United States, San Francisco, CA

PROFESSIONAL SUMMARY

Experienced Data Scientist with over 6 years of experience applying machine learning algorithms to solve real-world business problems. Adept at data mining, statistical analysis, and feature engineering to improve decision-making and optimize processes.

EDUCATION

2017 - 2019

Master's in Computer Science (focus on Machine Learning)

University of California, Berkeley / United States

2013 - 2017

Bachelor's in Statistics

University of Washington / United States, Seattle, WA

Machine Learning Specialization

Coursera / Certification Date: March 2021

Advanced SQL for Data Scientists

DataCamp / Certification Date: June 2020

SKILLS

- Python (NumPy, Pandas, Scikit-learn) — Expert
- Deep Learning (TensorFlow, Keras) — Expert
- Statistical Modeling and Inference — Expert
- Data Visualization (Matplotlib, Seaborn) — Expert
- SQL and NoSQL Databases — Expert
- Model Deployment and Monitoring (AWS, Azure) — Expert

AWARDS

- Best Data Science Project — Tech Solutions Inc., 2022

EXPERIENCE

2020 - Now

Data Scientist

Tech Solutions Inc. / United States, San Francisco, CA

- Build predictive models to forecast customer behavior and improve marketing strategies, increasing engagement by 30%.
- Develop machine learning pipelines using Python and TensorFlow to automate data processing and model deployment.
- Collaborate with cross-functional teams to translate business requirements into actionable machine learning solutions.
- Conduct exploratory data analysis (EDA) and feature engineering to improve model performance.

2019 - 2020

Junior Data Scientist

Data Analytics Group / United States, San Francisco, CA

- Implemented machine learning algorithms to analyze financial datasets, leading to a 15% improvement in prediction accuracy for market trends.
- Assisted in model deployment and monitoring using cloud-based platforms such as AWS and Azure.
- Conducted A/B testing and statistical analysis to validate model outcomes and enhance decision-making processes.

PUBLICATION

"Improving Model Accuracy with Feature Engineering: A Case Study in Marketing Prediction"

Journal of Data Science, May 2022

- Co-authored a paper on the impact of feature engineering techniques on improving model performance in marketing applications.