Kelly Delaire

Senior Machine Learning Engineer

Innovative and results-driven Machine Learning Engineer with 8+ years of experience, including 5 years designing, deploying, and optimizing scalable machine learning models. Problem-solver, passionate about developing ethical AI solutions to drive business growth and enhance user experience.

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WORK EXPERIENCE

Senior Machine Learning Engineer
TechStore

04/2022 - Present *San Francisco*

Achievements/Tasks

- Designed and deployed real-time recommendation engines, increasing user engagement by 18%.
- Built a natural language processing (NLP) pipeline to analyze customer feedback, achieving a 92% sentiment analysis accuracy.
- Led a team of 4 engineers to optimize model training workflows, reducing training time by 30%.
- Collaborated with cross-functional teams to develop ML-powered predictive analytics for supply chain optimization.

Machine Learning Engineer
DataLab X

06/2019 - 03/2022 *San Francisco*

Achievements/Tasks

- Developed computer vision models to detect and classify objects with 95% accuracy for autonomous vehicle systems.
- Implemented A/B testing for model performance evaluation, improving deployment decision-making processes.
- Spearheaded the migration of machine learning workflows to AWS, cutting costs by 20%.
- Documented best practices for data preprocessing and feature engineering.

Data Scientist
NextV Analytics

08/2016 - 06/2019 *Palo Alto*

Achievements/Tasks

- Analyzed large datasets to uncover trends and patterns, supporting business intelligence efforts.
- Created predictive models to forecast sales, improving accuracy by 15%.
- Visualized data insights using Tableau and Matplotlib to drive data-informed decisions.

SKILLS

Programming Languages: Python, Javascript, C++

ML Frameworks: TensorFlow, PyTorch, Scikit-learn

Data Tools: Pandas, NumPy, Apache Spark, Airflow

Cloud Platforms: AWS (SageMaker, EC2), GCP

Databases: PostgreSQL, MongoDB

Other: Docker, Kubernetes, Git, Jupyter Notebook

EDUCATION

M.S. in Computer Science
Stanford University

2014 - 2016

B.S. in Computer Science
University of California, Berkeley

2011 - 2014

INTERESTS

Autonomous Systems   Hiking   AI Ethics