

Amina J. Patel

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SUMMARY

Mid Level Machine Learning Engineer with over 5 years of experience in developing scalable machine learning models and deploying them in production. Proven track record of improving model performance and reducing operational costs through innovative solutions and data-driven insights.

EXPERIENCE

Machine Learning Engineer

Jan 2022 - Present

Tech Innovations Inc., San Francisco, CA

- Developed an ensemble model that improved prediction accuracy by 15%, resulting in a \$200,000 increase in annual revenue.
- Implemented automated data processing pipelines, reducing data preparation time by 30%.
- Collaborated with cross-functional teams to deploy machine learning solutions using AWS services.

Data Scientist

Jun 2019 - Dec 2021

Data Solutions LLC, Los Angeles, CA

- Designed and deployed a recommendation engine that enhanced user engagement by 25%.
- Conducted A/B testing and statistical analysis to guide product development, saving \$50,000 in marketing costs.
- Utilized Python and TensorFlow to build predictive analytics models.

Junior Machine Learning Engineer

Jan 2018 - May 2019

Smart Tech Corp., Seattle, WA

- Assisted in the development of machine learning algorithms that reduced operational costs by 20%.
- Participated in code reviews and improved model performance through optimization techniques.
- Enhanced data visualization and reporting tools using Matplotlib and Seaborn.

EDUCATION

Bachelor of Science in Computer Science

May 2018

University of California, Berkeley, Berkeley, CA • GPA: 3.7

SKILLS

Technical Skills: Machine Learning, Python, Data Analysis, Statistical Modeling

Tools & Frameworks: TensorFlow, Keras, AWS, Scikit-learn