

Amina Patel

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SUMMARY

Experienced Deep Learning Engineer with over 7 years of expertise in developing advanced machine learning models. Proven track record in optimizing complex algorithms and enhancing system performance, leading to significant reductions in processing time and increased accuracy.

EXPERIENCE

Senior Deep Learning Engineer

Jan 2022 - Present

Innovative Tech Solutions, San Francisco, CA

- Led the development of a deep learning model that improved prediction accuracy by 30%, resulting in a \$500,000 increase in annual revenue.
- Implemented a new training regimen that reduced model training time by 40%, saving roughly 200 hours of computational resources weekly.
- Collaborated with cross-functional teams to integrate AI solutions into existing products, enhancing user engagement by 25%.

Deep Learning Engineer

Jun 2018 - Dec 2021

Data Insights Corp., Los Angeles, CA

- Developed neural network architectures that increased model efficiency by 50%, enabling real-time data analysis.
- Worked on a computer vision project that reduced error rates in image classification tasks from 15% to 5%.
- Streamlined data preprocessing pipeline, cutting down data preparation time from 3 hours to under 30 minutes.

Machine Learning Engineer

Jul 2016 - May 2018

Tech Innovations LLC, Seattle, WA

- Designed and implemented machine learning models for predictive analytics, achieving a 20% improvement in forecasting accuracy.
- Participated in the migration of legacy systems to cloud-based platforms, contributing to a 15% reduction in operational costs.
- Conducted performance tuning and scaling of algorithms that enhanced processing speed by 30%.

EDUCATION

Bachelor of Science in Computer Science

May 2016

University of California, Berkeley, Berkeley, CA • GPA: 3.8

SKILLS

Technical Skills: TensorFlow, PyTorch, Keras, Python

Tools & Frameworks: AWS, Docker, Kubernetes