

# Aisha Khan

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## SUMMARY

Results-driven Deep Learning Engineer with over 5 years of experience in developing advanced AI models. Proven expertise in natural language processing and computer vision, with a strong background in optimizing machine learning algorithms for performance improvement.

## EXPERIENCE

### Deep Learning Engineer

Jan 2022 - Present

*Innovative Tech Solutions, San Francisco, CA*

- Developed a natural language processing model that improved customer feedback classification accuracy by 30%, leading to enhanced customer satisfaction.
- Implemented a computer vision system for product quality inspection, resulting in a 25% reduction in defect rates and saving the company \$150,000 annually.
- Collaborated with cross-functional teams to deploy scalable deep learning solutions using AWS and TensorFlow, decreasing model training time by 40%.

### Machine Learning Engineer

Jun 2018 - Dec 2021

*Data Innovations Inc., Los Angeles, CA*

- Engineered and deployed predictive analytics models that increased sales forecasting accuracy by 20%, resulting in revenue growth of over \$200,000.
- Automated data preprocessing pipelines using Python and Pandas, reducing data preparation time by 50%.
- Conducted A/B testing on various machine learning models to optimize performance, implementing the best-performing model into production.

### Data Scientist Intern

Jan 2017 - May 2018

*TechStart, Los Angeles, CA*

- Assisted in the development of a recommendation system that personalized user experiences, leading to a 15% increase in user engagement.
- Analyzed large datasets using SQL and Python, providing actionable insights that contributed to a new product line.
- Collaborated with senior data scientists on various machine learning projects, gaining hands-on experience with TensorFlow and Keras.

## EDUCATION

### Bachelor of Science in Computer Science

May 2018

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

## SKILLS

**Technical Skills:** Deep Learning, Natural Language Processing, Computer Vision, Machine Learning

**Tools & Frameworks:** TensorFlow, PyTorch, AWS, Keras, Python