

Amina Khan

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SUMMARY

Mid Level Computer Vision Engineer with over 5 years of experience in developing algorithms for image recognition and processing. Proficient in deep learning frameworks and passionate about creating innovative solutions that enhance user experience.

EXPERIENCE

Computer Vision Engineer

Jan 2022 - Present

Tech Innovators Inc., San Francisco, CA

- Developed a real-time object detection system that improved accuracy by 30%, resulting in a \$200,000 revenue increase in the first quarter.
- Led a team to optimize image processing algorithms, reducing processing time by 40%, which enhanced system performance.
- Implemented transfer learning techniques using TensorFlow and PyTorch to refine models, resulting in a 25% decrease in training time.

Junior Computer Vision Engineer

Jun 2019 - Dec 2021

Visionary Solutions, Los Angeles, CA

- Contributed to the development of a facial recognition feature that increased user engagement by 15%.
- Collaborated on a project that used OpenCV to automate image quality assessments, reducing manual review time by 50%.
- Assisted in deploying models on AWS, streamlining the workflow for model updates and maintenance.

Intern - Computer Vision

Jan 2018 - May 2019

ImageTech Labs, Los Angeles, CA

- Supported data collection and preprocessing which reduced data preparation time by 20%.
- Participated in the creation of a prototype for a gesture recognition system that received positive feedback from stakeholders.

EDUCATION

Bachelor of Science in Computer Science

May 2018

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

SKILLS

Technical Skills: Computer Vision, Deep Learning, Image Processing, Machine Learning

Tools & Frameworks: TensorFlow, PyTorch, OpenCV, AWS