Haroon Rashid

Computer Vision Engineer

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Computer Scientist and Computer Vision Engineer with almost 2 years of self-gained experience in the field of Computer Vision and Python.

Projects

Advance Tennis Analysis
Present

In this project I have utilized advance computer vision skills, including but not limited to, region-based object
detection, object tracking, object speed estimation, and multiple perspective transformations, for the purpose of
carrying out a detailed analysis of a tennis match.

Traffic Flow Analysis
Present

In this project I have utilized various computer vision techniques, including but not limited to, region-based object
detection, object tracking, and object counting, for the purpose of carrying out detailed traffic flow analysis.

Damage Estimation
Present

In this project I have utilized various computer vision techniques, including but not limited to, semantic segmentation
and SAHI (slicing aided hyper inference), for the purpose of estimating the destruction caused to construction in an
area.

Background Editor
Present

In this project I have utilized semantic segmentation for the purpose of image or video background editing. I have
developed a GUI based application using which the backgrounds behind people in images or videos can be edited.

Single Camera Speed Estimation
Present

In this project I have used a number of computer vision techniques for the purpose of accurately estimating vehicle speeds by removing the distortion caused by a single video camera.

Core Skills

Python, Computer Vision, Java, C++, Mathematics, Algorithm Designing, Problem Solving, Solo Developing, DSA

Education

National University of Modern Languages
Feb 2023 - Present

Bachelor's Computer Science
GPA 3.95

Sir Syed Science College
Jan 2020 - Jan 2022

F.Sc. Pre-Engineering

Languages

English *(Fluent)*
Urdu *(Fluent)*

Interests

Research and Software Development