



JOB DESCRIPTION | Computer Vision Engineer - Detection & Tracking

[Quidich Innovation Labs](#) is a global company headquartered in Mumbai, India that pioneers in customized technology solutions for Sports Broadcasts. From the outset, we have believed in the power of the story that sport tells as a tool to bring people together; and that this story best reaches fans, through the way it is broadcast. Building on this thinking, we have created various technology tools over the past five years and deployed them at tournaments such as the Indian Premier League, ICC Men's T20 World Cup, ICC Women's World Cup, and Men's FIH Hockey World Cup, to name a few.

Role

As a Computer Vision Engineer at Quidich, you will embark on an exciting journey in the world of sports technology and play a vital role in assisting the technology team to work on global projects. As a Computer Vision Engineer focused on Detection and Tracking, you will play a key role in designing and implementing advanced computer vision algorithms for object detection and tracking. You will work closely with our cross-functional team to enhance and optimize the existing computer vision solutions and contribute to the design of innovative products.

Responsibilities

- Designing and implementing advanced computer vision algorithms for tracking and detection.
- Developing and optimizing algorithms for person re-identification in multi-camera environments.
- Collaborating with cross-functional teams to integrate computer vision solutions into existing systems.
- Conducting thorough analysis and evaluation of computer vision models, ensuring performance metrics meet or exceed project requirements.
- Working on camera calibration and synchronization for multi-camera setups.
- Staying updated on the latest advancements in computer vision and related fields, applying relevant knowledge to enhance the technology stack
- Collaborating with hardware and software teams to ensure seamless integration of computer vision solutions.

Qualifications, Skills, and Competencies

- 3 to 7 years of proven work experience in Deep learning, Multicam Systems, NVIDIA Deepstream, and Object Detection and Tracking.
- Proven work experience in real-world projects involving surveillance systems, security, or related fields.
- Excellent knowledge of deep learning techniques applied to computer vision.
- Proven work experience with edge computing and deploying computer vision models on embedded systems.
- Master's or PhD in Computer Science, Electrical Engineering, or a related field.
- Experience in developing and implementing computer vision algorithms, with a focus on object detection, tracking, and person re-identification.
- Strong programming skills in languages such as Python, C++, or similar.
- Familiarity with popular computer vision libraries and frameworks such as OpenCV, TensorFlow, PyTorch, etc.



- Excellent problem-solving skills and the ability to work independently as well as a part of a collaborative team.
- Strong communication skills with the ability to convey complex technical concepts to both technical and non-technical stakeholders.

Location: Mumbai

Reporting To: Head of Product

Joining Date: Immediate to 30 Days

Interested candidates, please send your CV to careers@quidich.com