



## JOB DESCRIPTION | Computer Vision Engineer - Pose Estimation

[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 Pose Estimation, you will play a key role in developing and implementing advanced computer vision algorithms and systems. You will work closely with our cross-functional team to enhance and optimize the existing computer vision solutions and contribute to the development of innovative products.

### Responsibilities

- Designing, implementing, and optimizing pose estimation algorithms for various applications within our technology stack.
- Collaborating with hardware and software teams to integrate computer vision solutions into real-world systems.
- Conducting research to stay up-to-date with the latest advancements in computer vision and pose estimation.
- Analyzing and enhancing the performance of existing pose estimation models through iterative testing and optimization.
- Working closely with data scientists and machine learning engineers to develop and train models using diverse datasets.
- Collaborating with the product team to understand and define the requirements for new features and functionalities related to pose estimation.

### Qualifications, Skills, and Competencies

- 2 to 4 years of proven work experience in 2D and 3D pose estimation, 3D pose recreation, and multiple camera system experience.
- Bachelor's or Master's. in Computer Science, Computer Vision, or a related field.
- Proven experience in developing and implementing pose estimation algorithms.
- Previous experience in developing pose estimation solutions for robotics, augmented reality, or virtual reality applications.
- Familiarity with GPU programming and parallel computing for efficient algorithm implementation.
- Solid programming skills in languages such as Python, C++, or similar languages.
- Proficiency in using popular computer vision libraries and frameworks such as OpenCV, TensorFlow, PyTorch, etc.
- Strong understanding of 3D geometry, image processing, and machine learning techniques.
- Experience with integrating computer vision solutions into real-world applications and systems.

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- Excellent problem-solving and communication skills.
- Ability to work collaboratively in a fast-paced and innovative environment.
- Published research or contributions to the computer vision and pose estimation community.

**Location:** Mumbai

**Reporting To:** Head of Product

**Joining Date:** Immediate to 30 Days

*Interested candidates, please send your CV to [careers@quidich.com](mailto:careers@quidich.com)*