DIOCLES

OFFER 3D DEVELOPER
CAMERAS ACQUISITION

We are a start-up providing advanced 3D imaging, measurement and analytics solutions to elite sports including professional teams, academies and sports federations.

We have been developing and testing our products for two years in partnership with several prestigious sports organizations and high-profile clients. Our next-generation data acquisition, visualisation and analytics techniques aim to help identify athletes' peak fitness, performance and potential, mitigate injury risk and to facilitate their rehabilitation.

MISSIONS

- Develop state of the art calibration / 3D acquisition algorithms for IR / RGB sensors
- Responsible for pipeline improvement from raw images to 3D point clouds
- Quality control algorithms development for industrialisation of setup

REQUIRED SKILLS AND INTERESTS

- Advanced C++ and Matlab (VS17 - VS19) + .GIT
- Potentially code translations between C++ and Matlab
- Programming in 3D field, including rendering (OpenGL)
- Math: Projection, transformation and homogeneous matrices
- Image processing and especially filtering
- OpenNI knowledge is a plus
- Intrinsic and extrinsic camera calibration is a big plus
- English is required, French is very useful

POSITION

- Based in Singapore, Lisbon or Nice
- Initial consultancy contract with potential evolution
- Start as soon as possible

CONTACTS

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