

DATA SCIENTIST IN IMAGE ANALYSIS



SOFTWARE FOR LIFE SCIENCE Based In Paris

SUMMARY

Pathology and Medical Research is plagued by a fundamentally flawed workflow that leads to slow turnaround times, high error rates, and fewer insights. By combining artificial intelligence algorithms with a collaborative user experience Keen Eye is alleviating the most pressing bottleneck for research organisations and pathologists. Keen Eye is building an advanced image processing platform benefiting researchers, pathologists and patients.

ESSENTIAL DUTIES AND RESPONSIBILITIES

The **Keen Eye Data Scientist** in biomedical image analysis will:

- Participate in the development of our deep learning core algorithms.
- Develop Data Science project(s) focused on image-based assays.
- Work with a wide range of tools and technologies and be able to quantitatively evaluate them.
- Participate actively in our R&D sessions to keep up with the state-of-art and contribute to it
- Development, management and evolution of the core framework of the platform.
- Design and development of tailored image analysis algorithms, from the prototype to the production stage.
- Coordinating off-site developments with clients and partners on a per-project basis.

EDUCATION AND EXPERIENCE REQUIRED

- Master's degree in Computer Science, Mathematics, or a similar field.
- Experience in image analysis algorithms using deep learning approaches; knowledge of classical computer vision techniques is a plus.
- 2+ years of professional software development experience.
- Experience with code optimisation and with implementing complex algorithms and data structures
- Envision the systems and architectures as a whole to decide what to improve, replace, and remove.
- Proficiency of Python and C++ is required
- Experience working within a regulated software development environment using software engineering best practices including defect tracking, design reviews, and appropriate testing.
- Experience with Deep Learning frameworks, e.g. TensorFlow, PyTorch
- Fluency in English.

SPECIALISED KNOWLEDGE AND SKILLS

- Well organised with a problem-solving mindset.
- Proactive, biased to action.
- You are willing to challenge the status quo to propose new and better ways of doing things and have the rigour to show us why.
- Autonomous, building relationship, team spirit.
- Industry awareness: knowledge in related medical or biological fields is a plus.
- Proven excellent interpersonal and communication skills.
- Effective time management & multi-tasking skills.
- Ability to work both independently and cohesively in a team environment.
- Agile startup mindset, creative thinking, motivated.

Position information:

- Permanent contract, full-time
- Comprehensive compensation and benefits package
- Location: Paris center

- Remote work possible

- Date: ASAP

To apply send your resume to: samir.hammami@keeneye.tech