

## SciBiteAI Technical Lead – Full Time, Permanent

Job Reference	SCISAI21UK
Job Title	SciBiteAI Technical Lead
Location	Cambridge, UK
Salary	£ Competitive dependent on experience
Benefits	Healthcare, Pension/ Bonus plan, 25/20 days annual leave
Hours	Hours: 37.5hours per week (Monday – Friday)

### The Company

SciBite Limited is a multi-award-winning life-sciences technology company based in Cambridge UK which is transforming the way life science organisations handle text and documents. Our semantic deep-learning solutions understand the complexity and variability of content within Life Sciences yet are still simple to use. We can quickly identify and extract scientific terminology from unstructured text and transform it into valuable machine-readable data. Our tools are flexible and versatile, facilitating use by both end-user scientists and integration into 3rd party applications. Our team of expert software engineers and data scientists are at the forefront of the latest developments in AI, such as ontologies, knowledge graphs and machine learning. Through our parent company, Elsevier, our team has access to an incredible range of resources, content and opportunity from a global life-science leader, while retaining that agile small company feel.

### The Role

SciBiteAI is the newest group within SciBite and is advancing the way we use and develop AI approaches across the organisation. SciBiteAI is developing cutting edge language models using the latest deep learning methods, rule-based analytics systems, and semantic technology to help find patterns in text and answer biomedical questions. Developments over the last 2-3 years have rapidly advanced this field; this is a very exciting time to join! As a technical lead for this team, you will report to the CTO and will be responsible for managing the day-to-day progress of its members and develop technology strategies as we grow. You should be a good communicator as you are expected to work with our wide customer base of life science organisations, you should be well-versed in the latest deep learning strategies and have experience in building software within a team environment. This an important role in a fast-moving field at an exciting time and you will play a part in shaping this future!

### Duties

- Leading the technical design and implementation of our next generation AI software platform
  - Developing rapid prototypes to test potential machine learning approaches to tasks such as language comprehension, natural language question and answering, relationship extraction, graph learning
  - Managing a team of machine learning engineers and software developers, mentoring them and helping them to grow
  - Ensuring quality through good software development practices and scaling across the software
  - Collaborating across SciBite and Elsevier with other teams developing and using AI approaches
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- Working to deliver exceptional customer support

**Qualifications/Skills/Experience**

The ideal candidate for this role will have:

- Track record of successfully delivering software project(s) or tool(s)
- Experience of developing and deploying solutions using Python 3
- Experience utilising machine learning libraries such as (in order of importance) TensorFlow, scikit-learn, PyTorch, Pandas, NumPy, SciPy
- Some understanding or experience of transformer-based models such as BERT or Hugging Face
- Experience using a Python web framework such as Django or Flask and writing API based applications
- Track record of publications or public domain work utilising machine learning
- Familiarity with full stack platforms and systems architecture
- Familiarity with common forms of data such as JSON and XML
- Experience in organising teams to write well written, tested code
- Understanding of modern software development processes and software management/deployment tools such as maven, git, docker, AWS, Jenkins etc.
- A ‘can-do’ attitude working across flexible and cross-functional teams in software and data science

Additionally, any experience in the following would be advantageous:

- Establishing new technology in commercial organisations
- Experience in front end coding
- An interest in graph database technology
- An outside interest in coding

**What We Offer**

A career at SciBite comes with the chance to help tackle real-world challenges of some of the biggest companies in biomedicine and beyond. Coupled with that comes competitive salary, a fantastic benefits package, share options and the chance to work in an environment that encourages innovation and personal development. Perhaps most importantly, working at SciBite offers a chance to enjoy working in a small, friendly team where what you contribute really makes a difference. If you’re excited by innovation and want to join a company that’s breaking new ground and growing quickly, please apply at [careers@scibite.com](mailto:careers@scibite.com) quoting the position reference above.

SciBite Values		
 <b>Customer Focused</b>	 <b>Passionate</b>	 <b>Integrity</b>
 <b>Innovation</b>	 <b>Appreciation</b>	 <b>Accountability</b>

