

Data Scientist Degree Apprenticeship at SciBite

Keywords: Java, Python, Semantics, Machine Learning, Knowledge Graphs

Salary: £16,500

Benefits: Healthcare, 25 days Annual Leave, Discount Schemes

Hours: 37.5 hours a week

Location: Wellcome Genome Campus Cambridge, UK (Head Office)

To begin in September 2019

SciBite is a rapidly growing global company specialising in text mining and ontology management, supplying our services to the healthcare and life science market. Founded by an experienced team of scientists, engineers and commercial management, our award winning, innovative platform transforms textual content into rich, connected data used for business intelligence, machine learning and search. SciBite's client base covers the majority of the world's major pharmaceutical companies and our technology has won numerous global awards for innovation and achievement. Our home is the world-renowned Genome Campus in



Hinxton, Cambridge UK provides world-class facilities and opportunities to interact with researchers and companies involved in emerging informatics that makes a real difference to people's lives.

Joining us means an opportunity to work somewhere with a different philosophy. At our heart, we're excited by the possibilities for our technology and embrace new use-cases and ideas. We don't stick to a rigid architecture but encourage the use of the right technology for the right problem, looking to all our developers for input and inspiration. We don't suffer from politics and hierarchies, you'll interact with everyone from management to marketing everyday, and have the opportunity to have your voice heard. We don't pigeon hole our team members but let them explore new areas and research our products of the future. We listen to each other's ideas. We run hackathons. We encourage ownership of what you do. Above all, you'll be directly shaping the cutting edge of informatics and drug discovery with some of the world's major pharma and life science companies. The working environment is relaxed and informal and you'll be encouraged to take ownership of key projects and explore ideas and technologies.



What we are looking for:

Essential:

- At least 4 GCSEs at Grade B, must include Maths and English
 - A- Level grade B in at least one STEM subject, maths preferred
 - 112 UCAS points (BBC at A- Level)
 - If English is not your first language, then you will be expected to demonstrate a certificated level of proficiency of at least IELTS 6.5
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Desirable:

- Innovative spirit
- 'Can do' attitude
- Curious nature
- Enthusiastic and motivated team player
- Programming experience
- A keen interest in science and technology

We develop in several programming languages: Java, Python, JavaScript, Kotlin. We use many different approaches: Semantic technology, ontologies, machine learning, elastic search, knowledge graphs, visualisation of data. We are looking for the software developers and data scientists of tomorrow to join us on a project using one or more of the above languages and technologies to research and develop innovative solutions for the life science and healthcare industry. You will be supported by a team of experts and a culture of collaboration and innovation. We will tailor a project to fit your strengths and interests while helping educate you on what we do and how. Knowledge of pharmaceutical domain or semantic technology is not a requirement, however a willingness to learn about the approaches and technology in this area is essential.

Example projects:

- Machine learning applied to pattern recognition of biological relationships in text, such as identifying adverse event detections, drug-drug interactions
- Visualisation of data using ontologies and/or graphs
- Question and answering systems using knowledge graphs
- NLP approaches for interpreting natural language questions into structured queries

This is a fantastic opportunity to develop your skill set in one of the hottest areas, based in the state of the art Wellcome Genome Campus in South Cambridgeshire. Push your boundaries and start your career now by working 4 days a week at SciBite and 1 day at Anglia Ruskin University. By 2023 you will have a BSc Honours Degree, 4 years' work experience and no student loan debt.

Application Process

To apply please get in touch at careers@scibite.com to register your interest quoting the reference APPRENTICE2019 and we will get back to you shortly.
