



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Data Scientist Internships x9, Leeds Institute for Data Analytics (LIDA)



Salary: Grade 5 (£23,067 p.a.)

Reference: MHLDA1032

Closing date: 4 July 2021

Interviews for this role are expected to be held remotely end of July

Fixed-term for 12 months, commencing Monday 27th Sept 2021

LIDA is committed to Equality and Inclusion in its recruitment and selection procedures

Data Scientist Internships

Leeds Institute for Data Analytics (LIDA)

Do you have excellent numerical skills, with experience of using statistical or predictive techniques? Do you have a keen interest in using data science for public good? Do you want to be part of a successful, leading research Institute?

The Leeds Institute for Data Analytics (LIDA) is offering 9 internships to help to advance research activity across each of its constituent areas: Artificial Intelligence (AI), health informatics, urban analytics, statistical and mathematical methods, and visualisation and immersive technologies.

The [LIDA Internship Programme](#) provides an outstanding opportunity to develop skills that are in high demand within industry and academia, both nationally and globally, within a growing, state-of-the-art facility. Our offer to interns includes the chance to:

- Own delivery of data science project(s) and get hands-on technical experience using real data;
- Establish links with project partners (internal or external) and work to provide solutions to real-world challenges;
- Build skills and knowledge in advanced analytics, not only through mentorship and applied research, but also through on-site training opportunities in statistical analysis, visualisation, research methods and computer programming;
- Work alongside leading scholars as part of the LIDA team and gain valuable work experience.

LIDA is committed to supporting the University's [Equality and Inclusion Framework](#) and particularly encourages applications from groups currently under-represented on the Programme and within LIDA. These include women; Black; Asian; Minority Ethnic; and disabled candidates. One internship out of the total 9 is reserved for Black, African, Caribbean or Black British candidates only, at the request of the funder DATA-CAN, as part of the funder's commitment to the [HDR UK Black Internship Programme](#), which aims to encourage the recruitment of black data scientists within the health data science community. For clarity, black applicants are encouraged to apply for any of the internships we currently have on offer on the Programme as well as the reserved internship.



You will be a graduate (Bachelor's, Master's or PhD) in a relevant field and will have excellent numerical skills that may have been gained in the context of quantitative social science, computing, mathematics/statistics, medical bioinformatics or population studies.

What does the role entail?

As a Data Scientist Intern, your main duties will include:

- Helping to advance research activity across each of LIDA's constituent areas: AI, Health Informatics, Urban Analytics, Statistical and Mathematical methods, and Visualisation and Immersive Technologies;
- Undertaking quantitative analysis on core datasets; e.g. data wrangling, data linkage, data scraping, modelling and analysis;
- Planning your own research activity in collaboration with the project investigators and other members of the research team;
- Meeting with clients and partners in support of LIDA's partnership-building strategy;
- Participating in and presenting at LIDA research meetings and seminars;
- Contributing to written outputs, including research papers, case studies and other materials for publication.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Data Scientist Intern, you will have:

- Excellent all-round numerical skills that may have been gained in the context of quantitative social science, computing, mathematics, statistics, bioinformatics, or population studies;
- Completed an Undergraduate or Master's degree in a relevant field;
- Knowledge of and experience using the statistical programming language(s) R/ Python or similar for data manipulation and statistical computing;



- Experience in programming, algorithms or the use of reproducible coding practices in data science;
- A keen interest in using data science for public good using statistical or data analytic techniques;
- Good project-management skills, for example gained through work experience or coursework;
- Good communication skills through writing reports and/ or presentation skills;
- A willingness to work as part of a team.

You may also have:

- Experience of working with large unstructured (or 'messy') data sets;
- Experience of working with an external client/ stakeholder(s)/ commercial body on a project;
- Knowledge of data science using data analytic techniques: data visualisation, machine learning, deep learning, statistical modelling, or data mining.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Kylie Norman, Programme Co-ordinator

k.r.norman@leeds.ac.uk

Or you can address your enquiries to lida@leeds.ac.uk.



Additional information

Previous Data Science Intern Projects

See [here](#) for more information and case studies on previous LIDA data science projects completed by interns. You will also find a selection of blogs here written by previous interns on their experiences working on their projects and at LIDA.

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

