UNIVERSITY OF LEEDS

CANDIDATE BRIEF
Data Scientist Internships, Leeds Institute for Data Analytics

Salary: Grade 5 (£23,067 p.a.)

Reference: PSLDA1000

Closing date: 17 July 2020

Interviews for this role are expected to be held remotely in August

Fixed-term for 12 months, commencing Monday 28th Sept 2020

Data Scientist Internships
Leeds Institute for Data Analytics

Do you have excellent numerical skills, with experience of using statistical or predictive techniques?   **Are you a recent graduate or final year Masters or PhD Student? Do you want to be part of a successful, leading research team?**

The Leeds Institute for Data Analytics (LIDA) is offering a number of internships to help to drive research activity across each of LIDA's constituent areas: 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, 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.

You will be a recent undergraduate, Master's or PhD student 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 drive research activity across each of LIDA's constituent areas: health informatics, urban analytics, statistical and mathematical methods, and visualisation and immersive technologies;
- Undertaking quantitative analysis on core datasets;
- 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 efforts;
- Participating in 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;
- A keen interest in using data to address real-life challenges using statistical or data analytic techniques;
- Good time-management skills, for example gained through project or dissertation work;
- Good communication skills, both verbal and written;
- Experience of 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 data sets;

- Knowledge of data science – description, prediction and causal inference – using data analytic techniques: data visualisation, machine learning, statistical modelling, or data mining;
- Knowledge of a statistical programming language(s) and/or software for data manipulation and statistical computing;
- A PhD in the field of quantitative social science, computing, mathematics, statistics, bioinformatics or population studies.

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
email: k.r.norman@leeds.ac.uk

Or you can address your enquiries to email: 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.