

The Alan Turing Institute

Project Manager for Data Science for Social Good

THE ALAN TURING INSTITUTE

There has never been a more significant time to work in data science and AI. There is recognition of the importance of these technologies to our economic and social future: the so-called fourth industrial revolution. The technical challenge of keeping our data secure and private has grown in its urgency and importance. At the same time, voices from academia, industry, and government are coming together to debate how these technologies should be governed and managed.

The Alan Turing Institute, as the UK's national institute for data science and artificial intelligence, plays an important part in driving forward advances in these technologies in order to change the world for the better.

The Institute is named in honour of Alan Turing, whose pioneering work in theoretical and applied mathematics, engineering and computing is considered to have laid the foundations for modern-day data science and artificial intelligence. The Institute's goals are to undertake world-class research, apply its research to real-world problems, driving economic impact and societal good, lead the training of a new generation of scientists, and shape the public conversation around data and algorithms.

After launching in 2015 with government funding from EPSRC and five founding universities, the Institute has grown an extensive network of university partners from across the UK and launched a number of major partnerships with industry, public and third sector. Today it is home to more than 400 researchers and a talented business team.

THE ROLE

The Data Science for Social Good UK programme (DSSGx) is a 12-week project-based training programme designed to give data scientists a strong skill set for solving real-world problems and an understanding, excitement, and passion for solving problems with social impact. We have three goals (prioritised in that order):

- Training Fellows: We want to help create the next generation of data scientists who have the data science skills to solve real-world problems and are passionate about focusing their efforts on solving social challenges
- Exposing and training project partners (typically governments and non-profits) to better use data to make better decisions
- Community: Seeding a community of people and organisations working together to make an impact

The Project Managers (PMs) are a critical component of DSSGx. PMs work on up to 4 data science projects simultaneously with up to 4 project partners, with a dedicated team of Fellows (about 4 per project).

An ideal PM has a strong technical background and exposure to technology or data science projects, and several years of industry or consulting experience. We want people who are used to working in an agile, fast paced, start-up-like environments with experience managing multiple projects at once.

This role will be for 14 weeks between 8 June – 11 September 2020. You will be based at the University of Warwick, Coventry, UK. Support is available to find accommodation.

DUTIES AND RESPONSIBILITIES

Each PM supports typically 3 or 4 teams of Fellows, with 3-4 people per team. They help guide the relationship with the project partner as well as ensuring the team is making progress. Each PM is teamed up with a Technical Mentor (TMs, see Technical Mentor job specification) who lead projects and provide technical assistance to the Fellows. PMs also organise some of the fellowship activities, and mentor the Fellows in activities including: presenting, creating a pitch, creating a poster and documentation and how to communicate effectively with various parties involved in the project.

PERSON SPECIFICATION

The successful candidate will have:

ESSENTIAL

- Project management and organisational skills, with strong attention to detail
- Ability to communicate effectively and clearly with a wide range of people and audiences at all levels
- Ability to build strong working relationships with a wide range of people at all levels
- Diplomatic, able to negotiate and apply judgement in complex areas
- Time management, prioritisation and calmness under pressure
- Ability to manage multiple tasks and sub-projects
- A passion for making a social impact

DESIRABLE

- Educated to degree level in a relevant scientific and/or technical discipline, or equivalent level of professional qualifications and/or experience
- Creative and effective facilitation of meetings, internal and external
- A qualification or certification in one or more project management processes (e.g. Agile, scrum, Kanban, PRINCE2 etc)
- Interest in data science and artificial intelligence
- Experience working within an interdisciplinary academic or research-intensive environment
- Experience with GitHub
- Experience working on social impact projects and passion for making a social impact

TERMS AND CONDITIONS

This full-time post is offered on a fixed-term basis of 14 weeks. We are happy to talk flexible working.

The annual salary is £35,000 - £42,000 per annum.(dependent on skills and experience) plus excellent benefits. <https://www.turing.ac.uk/work-turing/why-work-turing/employee-benefits>.

APPLICATION PROCEDURE

If you are interested in this opportunity, please click the apply button below. You will need to register on the applicant's portal and complete the application form including your CV, covering letter and contact details for your referees.

If you have questions or would like to discuss the role further with a member of the Institute's HR Team, please contact them on 0203 862 3394 or 020 3862 3357, or email recruitment@turing.ac.uk.

EQUALITY, DIVERSITY AND INCLUSION

The Alan Turing Institute is committed to creating an environment where diversity is valued and everyone is treated fairly. In accordance with the Equality Act, we welcome applications from anyone

who meets the specific criteria of the post regardless of age, disability, ethnicity, gender, gender reassignment, marital and civil partnership status, pregnancy, religion or belief or sexual orientation. Reasonable adjustments to the interview process can also be made for any candidates with a disability.

Please note all offers of employment are subject to continuous eligibility to work in the UK and satisfactory pre-employment security screening which includes a DBS Check.

Full details on the pre-employment screening process can be requested from HR@turing.ac.uk.