

The Alan Turing Institute

Research Engineering Community Manager

The Research Engineering Community Manager (RECM) will join a team of research and business staff within a unique research institution. They will be responsible for stimulating and supporting the development of a community of data science practitioners and organisations drawn from the small-and-medium business and start up communities, and data science and research computing institutes in universities and independent national laboratories. Working together, these partners will provide the advanced skills needed to deliver on the institute's research, innovation, and consulting projects. Reporting to the Director of Research Engineering, the community manager will coordinate all aspects of this distributed delivery activity, fostering a collaborative culture across these partners, managing and tracking staff allocation to projects, owning the relationship with research engineering leads in partner and vendor institutions.

The Alan Turing Institute

The Alan Turing Institute (the Turing) is the national centre for data science and artificial intelligence, established in 2015 with the mission to make great leaps in transformational data science research that will have positive real-world impacts. The Institute has cross-disciplinarity at its core; we bring researchers in mathematics and theoretical computer science, statistics and machine learning, algorithms for data analytics and distributed computing, computational social science and data ethics, industry, government and third-sector partners, to work together in an open and collaborative environment with a shared goal to generate world-class research in data science. Our researchers are motivated by driving impact, both through theoretical development and application to real-world problems. We have identified a number of priority sectors to focus our translational research: Data-Centric Engineering; Defence and Security; Smart Cities; Culture and Media; Financial Services; Health and Wellbeing. We have attracted strategic partnerships with a broad range of data science user organisations including the Lloyd's Register Foundation, Intel, GCHQ and HSBC. Our work is also underpinned by a strong computing infrastructure, enabled through our founding universities partners and partnerships with Intel and Microsoft. We invite you to join us as we grow our research community, supporting our goal to develop the next generation of data science leaders, shape the public conversation, and push the boundaries of this new science for the public good.

The Role

The RECM's initial focus will be to set-up a network of delivery partners for the Turing, drawing from the best data science and AI practitioners amongst private-sector SMEs and research and third-sector organisations. This role reports to the Director of Research Engineering, and the institute's in-house team of staff data scientists and research software engineers will be a central connecting part of the community.

Duties and Responsibilities

- Support partners in project set-up and data sharing.
- Turn time-tracking into invoices for the delivery partners and the institute's in-house research engineering team.
- Write impact case studies to show-off our excellent work.
- Assess performance of partners at key milestones and make a recommendation on whether to renew, recalibrate, or retire.
- Help to define the Turing way of collaborating between academia, industry, government and NGOs

- Help to manage the allocation of the shared data science delivery capacity, both in-house and through delivery partners.
- Develop and maintain a view of the landscape of quantitative programming capability across the UK.
- Continuously select qualifying ones to become Turing Institute delivery partners
 - Evaluate technical strengths
 - Understand culture, operating model and key project types
 - Assess project scoping and project management ability
 - Capture preferred technologies, sectors, and use cases.
- Work to deepen collaboration and establish communities of practice across the UK and international data science and research software engineering communities

Person Specification

The successful candidate will have:

ESSENTIAL

- Educated to degree level in a relevant scientific and/or technological discipline
- Demonstrable understanding of the core practice of quantitative programming or data science.
- Excellent communication skills in writing and speaking
- Demonstrable experience building and maintaining communities of technical practitioners
- Experience with stakeholder engagement across multiple institutions

DESIRABLE

- A higher-level analytical degree (MSc or PhD)
- Quantitative programming or data science skills in Python or R - additional languages advantageous
- Ability to manage stakeholder expectation and communication at all levels, including C-suite
- Experience with managing capacity for consulting technical teams, including time-tracking and invoicing.
- Understanding of the lifecycle of startups and SMEs, including the investment and funding landscape
- Understanding of how universities and national research labs work at an organisational and leadership level, including the research management and funding ecosystem. (RCUK, Innovate UK, charities...)

Terms & Conditions

Starting salary is circa £50,000 per annum, negotiable dependent on skills and experience, plus bonus. This is permanent position to be held at the Institute's site at the British Library, Euston Rd, London. Secondments of suitable staff from relevant organisations (business, universities, government or charities) are welcome. A competitive benefits package is also available, please ask if you would like further details.

How to Apply

Please send a concise covering letter addressing the criteria presented in the Person Specification, your salary expectation, current notice period, and a full CV to jobs@turing.ac.uk. If you have any visa sponsorship requirements, please also include this information in your application.

The covering letter should explain your relevant skills and experience which may have been gained in employment, education, or elsewhere. Your application will be judged solely on the basis of how you demonstrate that you meet the selection criteria outlined above. We are happy to consider evidence of transferable skills or experience which you may have gained outside the context of paid employment or formal education.

If you have any queries or would like to discuss the role further, please contact the HR Team on 0203 862 3375 or email HR@turing.ac.uk.

Closing date for applications: 22 July 2018

Interviews will take place: w/c 13th August 2018

Please note that if you do not hear back from us by the 13th August 2018, please assume your application has not been successful.

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 or 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.