Placement Provider:	**Alan Turing Institute**
Placement Contact:	research@turing.ac.uk
Location(s) of placement:	British Library, London
Start Date:	A time between 25th June – 14th September 2018
Duration:	12 weeks
Work hours each week:	Full-time
Deadline for Applications:	**12 noon (GMT) 31st January 2018**
Resources available eg library data, computer, desk etc	All resources required will be provided.
Equality and diversity policy is in place and monitored	Yes
Security clearance required	Please contact HR@turing.ac.uk for full details
Disclosure Barring Service check required	Please contact HR@turing.ac.uk for full details

Description of Placement:

The Turing is running a 12-week Internship Programme for students to work on one of the projects detailed below during summer 2018, between 25 June and 14 September. Interns will be based at the Turing headquarters in the British Library, London.

The Turing has cross-disciplinarity at its core; it brings researchers in mathematics and theoretical computer science, statistics and machine learning, algorithms for data analytics and distributed computing, computational social science and data ethics, and industry partners, to work together in an open and collaborative environment under a shared goal to generate world-class research in data science.

While in residence, interns will contribute to defined research projects, share knowledge and be a part of a data science community with research excellence at its core. Interns will have regular interaction with their project supervisor during their 12 week stay and encouraged to take part in a range of Turing activities, including lectures, seminars and workshops.

Projects
Project 1 – An interdisciplinary approach to programming by example
Project 2 – Algorithms for automatic detection of new word meanings from social media to understand language and social dynamics
Project 3 – High performance, large-scale regression
Project 4 – Design analysis and applications of efficient algorithms for graph based modelling
Project 5 – Privacy-aware neural network classification & training

Full details of the projects and the application process can be found at this link. If your application is successful, please contact Louise.Davies-2@manchester.ac.uk so that I can ensure all University formalities relating to the internship are carried out.

Eligibility Criteria:
Applicants must currently be studying for a PhD at a university within the UK.
Applicants must be eligible to work in the UK and be available for the duration of the internship project.

Financial assistance (if any) offered by the organisation:

The Alan Turing Institute Internships are full-time, paid positions.
Salary: £30,000 pro rata