

# Assistant Professor (Teaching & Scholarship) in Artificial Intelligence and Data Science

## Position Overview

<b>Department</b>	Faculty of Computing, Mathematics, Engineering and Natural Sciences
<b>Location</b>	Hybrid - London, Devon House (St Katharine Dock); Work from Home
<b>Term</b>	Full-time; Permanent
<b>Salary</b>	Assist Prof (G8) £47,321 to £54,827, progressing to £58,155 once in post
<b>Benefits</b>	Generous benefits package including 25 days holiday allowance pro rata (excl. Bank holidays), group life assurance, group income protection, pension schemes and private healthcare (optional)
<b>Start</b>	ASAP (ideally by July 2024)

## The Role

Northeastern University London wishes to appoint an *Assistant Professor (Teaching & Scholarship) in Artificial Intelligence (AI) & Data Science*. The appointee will help develop our UK undergraduate and postgraduate **degree apprenticeship programmes** including but not limited to the area of AI and Data Science and provide general service to the University within and across faculties.

We wish to appoint a specialist in **AI and Data Science**. Preference may be given to candidates with active interests in the relationship of AI and Data Science to cybersecurity and applied engineering.

The appointee will work in a multidisciplinary, cross-faculty team responsible for the degree apprenticeship programmes. The degree apprenticeship team uses innovative pedagogical approaches and best practices in digital education and collaboration to ensure an excellent learner experience for learners across England. The team currently delivers a growing portfolio of online work-related learning aligned to digital transformation, data science, artificial intelligence, and project management. **The role is suitable for remote working, provided the appointee is able to attend the campus (in central London) for face-to-face work as and when required.**

Core duties will include leading the development and delivery of cutting-edge courses (predominantly online, to apprentices) in AI and Data Science. Indicative topics include but are not limited to:

- Artificial intelligence
- Machine learning
- Python programming
- Mathematics and Statistics
- Computer vision
- Natural language processing

We particularly encourage applications from those with an interest in innovative teaching, learning and assessment; those with experience in supporting a wide variety of students; and those belonging to groups underrepresented in UK higher education. We are open to appointing on a reduced fraction/job-share basis subject to our business needs.

## About the Faculty

The newly formed Faculty of Computing, Mathematics, Engineering, and Natural Sciences (CoMENS) is undergoing a major growth at Northeastern University London. It is home to four interdisciplinary undergraduate dual-degree (in UK and US) programmes in the areas of Data Science, Data Science and Politics, Computer Science and Business, and Computer Science and Philosophy; four postgraduate programs in the areas of AI Ethics, Data Science, Computer Science, and Technology Leadership; and five degree apprenticeship programmes in the areas of AI, Data Science, Digital and Technology Solutions, and Biosciences.

The Faculty plays a major part in Northeastern University's first-year student mobility program, offering undergraduate courses in Computer Science, Engineering, Physics, Biology, Chemistry and Healthcare, striving to inspire and equip entering students to be outstanding scientists.

Opportunities for disciplinary and interdisciplinary research and scholarship abound: the Faculty's grounding in *humanics* brings together computing, engineering and natural sciences with humanities based on ground-breaking research and research-oriented teaching practices.

## About the University

Based in the heart of London, Northeastern University London has developed a reputation for delivering an excellent university experience and has exceeded all Russell Group universities for overall student satisfaction in the UK's National Student Survey for four consecutive years (2019, 2020, 2021 and 2022).

Small by design, Northeastern University London offers a vibrant community delivering broad and academically rigorous degree programmes, designed to equip graduates with the combination of skills and knowledge that are increasingly desired by organisations, employers, and society.

Northeastern University London is part of Northeastern University's Global Campus Network. Ranked 44th in the USA, Northeastern has campuses in Arlington, Boston, Charlotte, Miami, Oakland, San Jose, and Seattle in the USA, and Toronto and Vancouver in Canada.

## Person Specification Criteria

### Qualifications

- PhD completed, or near completion (all but dissertation), or equivalent professional experience, in a relevant area.
- FHEA status, or equivalent, achieved or expected (desirable).

### Key Criteria

- Demonstrates, through evidence, excellent ability to be adaptable, innovative, and inclusive in the role as advertised with regards to teaching and service.
- Flexibility and capacity to teach across a wide range of courses, where appropriate in collaboration with specialists from other disciplines.
- Ability to develop excellent, cutting-edge online courses in *AI & Data Science*, at both undergraduate and postgraduate level, on topics with significant appeal to students, especially those in work-based settings.
- Willingness and capacity to undertake continuous professional development in the use of technology, software, and data in relation to their subject area; and to teach on these matters.
- Ability to engage and develop working relationships with learning designers and technologists, employers, and colleagues across diverse disciplines within Northeastern University London and across the Northeastern University network.
- Willingness and capacity to exercise appropriate leadership in the development of our AI and Data Science curriculum, and to do so through collaboration with a range of disciplines.
- Experience in supervising (industry-based) *AI & Data Science* projects at both undergraduate and postgraduate levels.
- Excellent written and verbal communication skills including presentation skills, both face-to-face and online.

- Experience with cloud-based technologies such as AWS, Google Cloud and ServiceNow (desirable).

## Additional Information

### Enquiries

Informal enquiries may be made to Dr Alistair Robinson, Associate Director of Experiential, Careers, and Apprenticeships ([alistair.robinson@nulondon.ac.uk](mailto:alistair.robinson@nulondon.ac.uk)) and Dr Alexandros Koliouisis, Faculty Director ([alexandros.koliouisis@nulondon.ac.uk](mailto:alexandros.koliouisis@nulondon.ac.uk)). However, all applications must be made in accordance with the application process specified.

### Application Process

Applications should be made via [this link](#) by **23:59 on 22<sup>nd</sup> May 2024**. Please reference your application “**APDS0524**”.

Please ensure that your application includes a CV and cover letter that sets out concisely and in ways relevant to this role: (a) your achievements and challenges in the last 12 months, and in your career to date in education; (b) what your priorities would be in performing the advertised role; (c) what your objectives are for your future career; (d) a statement of your approach to education. You may use bullet points if you wish.

Interviews are expected to commence w/c **10<sup>th</sup> June 2024**.

Participation in the equal opportunities section is encouraged, but voluntary. Applications are welcome from all sections of the community and will be judged on merit alone. We welcome applications from underrepresented groups. Candidates must be able to demonstrate their eligibility to work in the UK in accordance with the Immigration, Asylum and Nationality Act 2006.

The University may be able to provide Tier 2 sponsorship for this position, depending on individual circumstances.