Northeastern University
London

Assistant Professor (Teaching & Scholarship) in Algorithms

Position Overview

Department	Computing, Engineering, and Natural Sciences
Location	London, Devon House (St Katharine Docks)
Term	Full-time; Permanent
Salary	£38,000 - £45,000 per annum
Benefits	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)
Start	1st of August 2023 or sooner

The Role

Northeastern University London wishes to appoint an Assistant Professor (Teaching & Scholarship) in *Algorithms*. The appointee will primarily teach undergraduate and postgraduate courses in algorithms and mathematics of computer science.

We wish to appoint a specialist in **algorithms**, and **mathematics** for **data science** and **machine learning**. Preference may be given to candidates with active interests in the relationship of the aforementioned areas to one or more of the following: use of software and technology; employment contexts; diversity and inclusion.

Core duties will include development and provision of innovative and inclusive teaching in relevant areas of Computer Science at undergraduate and postgraduate levels (e.g. Algorithms and Data, Foundations of Data Science); and professional service commensurate to career stage.

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

Department

Computing, Engineering, and Natural Sciences is undergoing a major growth at Northeastern University London. It is home to four interdisciplinary undergraduate dual-degree (in UK and US) programs in the areas of Data Science, Data Science and Politics, Computer Science and Business, and Computer Science and Philosophy; and four postgraduate programs in the areas of AI, Data Science, Software Engineering, and Digital Leadership.

The department is a major part of 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 department aims to unite computing, engineering and natural sciences with humanities based on ground-breaking research and research-oriented teaching practices. The successful appointee will have an opportunity to join one of the research institutes at Northeastern University, based on expertise.

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, collegiate 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.

Enquiries

Informal enquiries may be made to Alexandros Koliousis, Associate Head for Computing, Engineering, and Natural Sciences (alexandros.koliousis@nulondon.ac.uk). However, all applications must be made in accordance with the application process specified below.

Application Process

Applications should be made via this link by 20:00 on 13th of April 2023. Please reference your application "**APTSA0323**".

Please ensure that your application includes a **CV** and a **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; and (d) a teaching statement summarising your approach to education. You may use bullet points for (a)-(c); (d) should be no longer than a page. You can consult our academic job description here.

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. **There is the possibility of sponsorship.**

Person Specification Criteria

Qualifications

- PhD completed, or near completion (all but dissertation), or equivalent professional experience, in a relevant area (essential)

- FHEA status, or equivalent, achieved or expected (desirable)

- A teaching qualification (FHEA or equivalent).

Key Criteria

- Demonstrates, through evidence, excellent ability as 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

- Ability to develop excellent educational provision in areas with significant appeal to students, including at postgraduate level

- Willingness and capacity to undertake continuous professional development in the use of technology, software, and data in relation to *Algorithms*, and to teach on these matters