Manchester Metropolitan
University

Job Description

Lecturer – Software Development in the Department of Computing and Mathematics

The Department of Computing and Mathematics has been at the forefront of several initiatives including Degree apprenticeships, Master's apprenticeships, accelerated degrees and the establishment of the National Institute of Coding. The Department is now seeking to expand the team with lecturer who can teach with enthusiasm and conduct high-quality research. This post will have a specific focus on modern Software Development.

Research
Lecturers will plan and carry out research using appropriate methodology and techniques, which result in high quality publications submitted to the Research Excellence Framework (REF) at acceptable levels of volume and academic excellence. They will pursue personal research including developing research ideas and securing financial support for their subject area. They will:

- Successfully publish results of research to the REF, in peer reviewed journals or monographs, or publish/exhibit professional practice.
- Prepare successful proposals and applications to external bodies to secure funding.
- Develop novel methodologies and techniques appropriate for their research.
- Apply knowledge in a way that develops new intellectual understanding.

Knowledge Exchange and Enterprise
Lecturers will seek knowledge transfer and business engagement opportunities to support the development of knowledge in the relevant area, share best practice, and use knowledge to improve graduate employability with an overall aim to enhance the reputation of the University. They will:

- Build opportunities for partnership working and knowledge exchange.
- Develop internal and external partnerships in order to disseminate information, share best practice and establish opportunities for collaborative work.
- Develop, or use existing industry knowledge to develop the curriculum to enable relevant and up-to-date learning to enhance graduate employability.

Learning and Teaching
Lecturers will develop and deliver undergraduate and postgraduate programmes in line with the Faculty's teaching strategy and participate in the overall contribution to enhancing the reputation of the University for Teaching Quality and success. They will:

- Teach on courses at a range of levels within the faculty; promoting skills in critical and rational thinking.

- Develop appropriate assessments, supervise, mark, and examine projects, student dissertations and practical work, providing support and guidance on academic and pastoral issues and act as a Personal Tutor to students.
- Embrace new technological developments that support learning and teaching and incorporate them into best practice.
- Review and support the development of high quality programme content in response to student feedback and new developments in the relevant field.
- Contribute to the development of new programme proposals and the design of teaching programmes more widely in the Faculty.

Academic Citizenship and Leadership
Lecturers will promote the department, faculty and University by supporting a range of departmental activities. They will:

- Contribute to management processes and planning to promote and incorporate the student voice into departmental decision-making.
- Contribute to widening participation, schools outreach, and public understanding of the relevant area.
- Attend relevant meetings, panels and boards to contribute to decision making and develop productive working relationships across teams.
- Support a range of departmental activities such as recruitment and admissions, open days and other student events and use these activities to gain a better understanding of student needs and expectations.
- Work collaboratively with colleagues to develop high quality working practices.
- Provide support and pastoral care to students.
- Engage in training programmes in the University (e.g. through Staff Development) which are consistent with your needs and aspirations and those of the department.
- Engage fully with the annual Performance and Development Review (PDR) process.
- Undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.

What we are looking for

- A good first degree together with a PhD in a relevant discipline or equivalent qualifications.
- A PGCE, Certificate of Education, PGCLTHE or membership of the Higher Education Academy (or commitment to obtain within three years of appointment).
- Membership of relevant Professional bodies, demonstrating professional standing.
- An in depth understanding of the subject including recent developments
- Commitment to the University's strategic objectives, with a focus on supporting the student experience
- Commitment to the University's policies and procedures including promoting equality in own area of responsibility and in general conduct.

In some circumstances, we will consider applicants who do not have these qualifications but are committed to obtaining them and have equivalent significant attainment in their professional field.

What you will bring to the role

Research

- Experience of using initiative, creativity and judgement when undertaking research and scholarly activities in an area that fits with the University's Research/Practice Strategy such as:
    - Preparing successful proposals and applications to external bodies to secure funding.
    - Publishing results of research to the REF, in peer reviewed journals or monographs, or publishing or exhibiting professional practice.

Knowledge Exchange and Enterprise

- Demonstrable experience of knowledge exchange, enterprise and similar activity.
- Experience of and commitment to develop partnerships to further research, research led teaching and knowledge exchange/enterprise in a competitive environment.

Learning and Teaching

- Experience of teaching effectively and providing a stimulating environment for learning and teaching to motivate, inspire and challenge.
- Ability to design, deliver, assess and revise teaching programmes.
- Experience and success in developing new approaches to learning and teaching methods.

Academic Citizenship and Leadership

- Excellent communication skills with experience of developing networks and contributing to the development of better working practices.
- Ability to utilise knowledge and understanding of students' needs to promote, and incorporate the student voice into Faculty decision making through management processes and planning.

