



LIVERPOOL HOPE
UNIVERSITY

175 YEARS OF ACADEMIC
EXCELLENCE

RECRUITMENT PACK 2ACOMPU1D

LECTURER IN COMPUTER SCIENCE

Closing date: Friday 31 May 2024



LIVERPOOL
HOPE
UNIVERSITY
1844

PERSONNEL DEPARTMENT RECRUITMENT PACK

POST: Lecturer

SCHOOL: School of Mathematics, Computer Science and Engineering

STARTING DATE: Sept 2024

SALARY RANGE: £37,099 - £44,263 per annum (Grade 7)

TYPE OF CONTRACT: Fixed-term appointment from 1 September 2024 to 30 June 2025

The Post

The School of Mathematics, Computer Science and Engineering seeks a dynamic Lecturer in Computer Science with specialisation in Artificial Intelligence (AI) and Natural Language Processing (NLP). This fixed-term position is an exciting opportunity to contribute to our thriving academic community dedicated to excellence in teaching, student success, and high-quality research.

About the Role

As part of this post, you will contribute to the delivery of lectures and seminars for undergraduate and postgraduate students. You will also be involved in supervising student projects and dissertations in your areas of expertise. Additionally, you will actively contribute to the School's vibrant research environment, potentially collaborating with existing research groups in Mathematics, Artificial Intelligence, Machine Learning, Cybersecurity, Internet-of-Things, and Robotics.

About You

We are seeking a candidate with a PhD in Computer Science or a closely related field with a clear focus on AI and, preferably, on Natural Language Processing. Demonstrated expertise in core Natural Language Processing techniques and deep learning approaches is essential, as is a passion for teaching and the ability to inspire students at all levels. A strong interest in developing your research within a collaborative team and excellent communication and interpersonal skills are also vital for success in this position.

About Us

The School of Mathematics, Computer Science and Engineering offers a stimulating environment with well-established undergraduate courses (Mathematics, Computer Science, AI, Software Engineering, and more), MSc courses, and an active postgraduate research community. We are committed to fostering a supportive, inclusive atmosphere where both teaching and research excellence are valued.

Liverpool Hope can offer an enriching, supportive and unique environment in which to work. This is an exciting opportunity to join the School of Mathematics, Computer Science and Engineering to work with highly research active staff in these area and contribute to its development and success. We are looking for someone who will be enthusiastic and committed to the University's mission and values, and be able to make a full contribution to the life of the university.

Requirement for PhD

Please note a Doctorate is required in all cases required. Please include the title and a copy of the abstract of your PhD in your application.

Requirement for FHEA or equivalent

The University seeks to ensure that all academic staff who teach have relevant training and/or documented experience and to this end the norm is to ask new colleagues who do not already have a teaching qualification in *higher education* to complete a 15 credit M level module in Classroom Practice. This course, free to new members of staff, is offered by the University. It is taught intensively in the first few weeks of the new academic year (total contract hours are around 15). Any exceptions to this norm must be agreed with the Head of School. For Post-doctoral Teaching Fellows it may be possible, though not compulsory, for a second 15-credit module in higher education teaching to be completed during the period of the fellowship and again, if you wish to take this second module, the University will cover costs.

JOB DESCRIPTION/KEY DUTIES OF THE POST:

The academic Role Profile for Post-Doctoral Teaching Fellow gives further and precise guidance regarding the level and type of activity required at this grade at Hope. Below is a broad indication of typical key duties. This job description is a guide to the work you will initially be required to undertake. It may be changed from time to time to meet changing circumstances. It does not form part of your Contract of Employment.

Pedagogic work, including:

- a) teaching/lecturing, tutorial and seminar work
- b) setting, invigilating and marking examinations and other forms of assessment
- c) supervision of undergraduate projects and student placement visits

Curriculum development, including:

- a) planning, development and evaluation of courses and course materials

Staff development, including:

- a) participation in internal/external activities and/or professional experience
- b) participation in staff performance review and subject monitoring procedures

Administration, covering:

- a) the administration and management of education and training programmes which may include responsibilities relating to publicity, public relations, marketing, recruitment and admission of students
- b) serving on internal/external committees or other bodies

Student support and Pastoral care

- a) as appropriate to the mission of the university with particular focus on student achievement and retention

Research and consultancy, covering:

- a) support and work with the Head of School in various research activities
- b) consultancy work carried out either within Hope, or externally

NAME OF CONTACT FOR QUERIES:

Associate Professor Pavlos Xenitidis
Head of the School of Mathematics, Computer Science and Engineering
Email: xenitip@hope.ac.uk

CONDITIONS OF SERVICE:

This post is based at the Hope Park campus. However, you may be required to work in other areas of the University as and when required.

This is a fixed-term appointment until 30 June 2025

Salary scale for this post is £37,099 - £44,263 (grade 7) per annum. New appointments will normally be made on the first incremental point of the advertised grade within the salary scale. In certain circumstances, it may be appropriate to offer a candidate a higher incremental point of the advertised grade. A higher salary will not be offered purely on the fact that it has been requested. Any starting salary above the first incremental point of the advertised grade must be justified and **supported by evidence**. Salary is payable monthly in arrears by bank giro credit on and around the 20th of each month.

The annual leave runs from 1st September to 31st August. Holiday entitlement is 35 days per year plus statutory Public Holidays and Liturgical days. This entitlement is pro-rated for part-time staff.

FURTHER INFORMATION

Liverpool Hope University has two main teaching campuses – Hope Park in the Liverpool suburb of Childwall and the city centre Creative Campus.

We have invested more than £60 million in buildings and equipment over the past eight years and we are proud of our campuses. Stunning listed buildings sit alongside modern architecture, and with beautiful gardens and facilities, which make Liverpool Hope University a unique place to work and study.

Mission and Values

Liverpool Hope University is an ecumenical Christian Foundation, which strives:

- to provide opportunities for the well-rounded personal development of Christians and students from other faiths and beliefs, educating the whole person in mind, body and spirit, irrespective of age, social or ethnic origins or physical capacity, including in particular those who might otherwise not have had an opportunity to enter higher education;
- to be a national provider of a wide range of high quality programmes responsive to the needs of students, including the education, training and professional development of teachers for Church and state schools;
- to sustain an academic community, as a sign of hope, enriched by Christian values and worship, which supports teaching and learning, scholarship and research, encourages the understanding of Christian and other faiths and beliefs and promotes religious and social harmony;
- to contribute to the educational, religious, cultural, social and economic life of Liverpool, Merseyside, the North-West and beyond.

Liverpool Hope's Values

Hope strives to meet the following values, which are integral to the fulfilment of its Mission:

- be open, accessible and inclusive,
- take faith seriously, being fully Anglican, fully Catholic, fully ecumenical, fully open to those of all faiths and beliefs,
- be intellectually stretching, stimulating, challenging,
- be hospitable, welcoming, cheerful, professional, full of Hope; creating supportive communities in aesthetically pleasing environments,
- be well-rounded, holistic, integrated, a team, a community of communities, collaborating in wider partnerships.

Equality and Diversity

Consistent with its Mission, Liverpool Hope strives to be a University where the individual and individuality matter. We hold students, staff and visitors in high regard and we seek to foster a working and learning environment that recognises and respects difference. All staff are expected to comply with the University's Equality and Diversity policies in the performance of their duties.

Health and Safety

Liverpool Hope University is committed to ensuring the health, safety and welfare of all staff at work and of students, visitors and others by continuous improvement in standards of health and safety. All staff are expected to comply with the University's Health and Safety policies in the performance of their duties

Sustainability

Liverpool Hope University is committed to enhancing the quality of its environment for its staff and students working and living at the University and the wider community; and aims to manage its operations in ways that are environmentally sustainable, economically feasible and socially responsible. All staff are expected to work in accordance with, and promote the University's sustainability practices.

Benefits of working at Liverpool Hope University

Liverpool Hope offers its employees a full range of benefits:

Pay and pensions

- Competitive rates of pay defined using the HERA job evaluation scheme
- Pension schemes with generous employer contributions

Home and Family

- Generous Annual Leave Arrangement
- Opportunity for flexible working arrangements

Training and Development

- Induction training for all new staff
- Opportunities to participate in overseas exchange with Erasmus Staff Mobility
- Staff development opportunities

Health and Well-being

- Hope Park Sports fitness suite and classes with discounted membership
- A range of food outlets with healthy eating options
- Staff counselling service
- Staff cycle scheme
- Support with lifestyle changes
- A range of social activities and groups
- On-site chapel, multi-faith prayer room and Chaplaincy
- Eye testing scheme

We also provide a variety of staff discounts ranging from reduced price theatre tickets to discounts on beauty treatments.

Library services

Liverpool Hope's Library Service provides access to a wide-ranging collection of physical and online resources to support learning and research. The service also provides different types of study space across both campuses to support the wide range of learning styles and needs, from individual study rooms to group spaces, and from silent study to more relaxed social learning

Further details, Facilities, Labs, and Equipment in the School of Mathematics, Computer Science and Engineering

The School of Mathematics, Computer Science and Engineering is an energetic team of academics, and our small class sizes with a friendly, supportive atmosphere makes for an outstanding student experience.

Students have access to up-to-date and emerging technologies such as virtual reality, drones, 3D prototyping facilities and robots. In the recently commissioned Robotics Laboratory, students have access to a SpiNNaker machine, Miro-e robots, a PadBot P3 Telepresence Robot, a Summit XL 4WD Autonomous Robot, an xArm robotic arm, an Aldebaran Nao robot and a Vicon motion capture system alongside a variety of other robotics equipment and 3D printing. The recently commissioned Electronic Engineering Laboratory has bespoke split-level benching with integrated computing workstations alongside Tektronix and Keithley test and measurement equipment.

Health Sciences Building

The Health Sciences building features specialist laboratory spaces dedicated to nutrition, genomics, cell biology and psychology, along with laboratories and space for sport and exercise science.

It also houses a 25m sprint track with force meters and motion capture for biomechanical analysis, a phlebatics lab for blood sampling, and treadmills and BODPODs for physiological analysis. There is also a double height robotics suite and engineering lab to aid the building and testing of drones.

Psychology labs include motor control capture and vision and colour labs as well as cognitive and neuro-behaviour suites. The building also includes space for research synergies with both Psychology and Sport.

Nutrition labs with food analysis and testing facilities, two large Bioscience and Environmental Science labs and a suite of dedicated research labs for the study of Molecular Biology, Microbiology, Cell Biology, Nutrition, Molecular Genetics, Tissue Culture and Bioinformatics take up the first floor.

The building has achieved a BREEAM 'very good' rating illustrating the University's continual commitment to environmentally considerate and sustainable building design.

Car Parking

All users of University car parks are required to pay for their use. The University has a scalable charging system for annual permits and pay and display facilities for occasional users.

We recruit staff nationally and internationally as we seek out the best to help build Hope for the future. If you join us you will be doing so at an exciting and challenging time as we work to build a liberal arts inspired university of distinction in the UK.

Useful Links

[Life at Hope](#)

<https://www.hope.ac.uk/mathematicsandcomputerscience/>

[Personnel](#)

[Job Opportunities](#)

[New International Staff](#)

