Senior Lecturer in Security, Privacy and Resilience of AI

Key Expectations
This position provides a significant opportunity for an inspirational individual to develop their research while taking a central role in the delivery of teaching within a successful and supportive environment. This role will focus on:

- Developing and delivering research-led teaching in cyber security and AI
- Carrying out research in cyber security and AI
- Contributing to strategies for improving student guidance and pastoral care
- To lead and contribute to undergraduate and postgraduate teaching and assessment; supervise undergraduate and master’s dissertations and postgraduate research students, providing pastoral support and guidance when needed.
- To disseminate research findings through national and international conferences and other avenues.
- To attract funding for research from a range of peer reviewed external sources.
- To contribute towards the development and running of cutting-edge research projects.
- Promote a research culture that encourages and celebrates a rich diversity in its workforce and that upholds the highest standards for its research integrity, data reproducibility and collaborative spirit.
- Participate in leadership for access and engagement
- Lead initiatives for online and in-person teaching

The Person
We expect candidates to demonstrate an ability to assume an independent teaching and research career with evidence of the following:

- University level teaching, particularly of cybersecurity and AI
- Academic guidance and pastoral care of students
- Published research in well regarded journals and conferences
- Have some experience of applying successfully for research funding
- Guiding and promoting the careers of colleagues

Knowledge, Skills and Experience

Essential
- Deep knowledge of software engineering and experience in teaching practical computing science topics
- Course preparation and delivery skills relating to computing science
- Evidence of carrying out research within agreed timelines, meeting project milestones and producing research to an appropriate standard.
- Experience of EDI and assessment/engagement activities
Experience of organising a team to deliver teaching
A demonstrated ability to undertake independent research and to work as part of a multidisciplinary research team to successfully deliver research projects
A proven track record in conducting and publishing high-quality research in peer reviewed internationally recognised journals

Desirable
Experience of professional counselling and/or pastoral responsibilities
Experience of engaging industry in developing taught courses

Attributes and Behaviour

Essential
Passionate about promoting a positive experience for all students
Effective time management that balances research and teaching demands
Passionate about promoting equality, inclusion and diversity
Promotes a culture of mutual respect

Desirable
Willingness to engage and further industry involvement in teaching and international teaching collaborations

Qualifications

Essential
PhD awarded in Computer Science

Desirable
Membership of learned societies and academies

Essential for Senior Lecturer
Teaching qualification / recognition of teaching experience e.g. PGCE or UKPSF FHEA or SFHEA