

Research Associate, AHRC UK-China Project

Job Reference:	440617
Department:	Computing
Grade/ Salary:	Grade 7, £39,306.20 - £43,783.32
Contract Type:	24 months fixed term
Hours:	Full time
Location:	New Cross, London, remote working

Closing date for applications: **7th May (we need to fulfil work permit visa requirements)**

Interviews: **Week commencing Mid May**

Goldsmiths

Goldsmiths, University of London is a world-leading centre of educational excellence where ground-breaking research meets innovative teaching and thinking. We're looking for inspiring and talented people to help build on our global reputation while also growing personally in a true learning organisation.



Passionate about advancing equality
and celebrating diversity.
Together, we are different



Together
we are different

Department of Computing

The Department of Computing is a vibrant, innovative and intellectually stimulating environment in which to work and study. We have a unique view of computing as a creative practice-based discipline: we pride ourselves on pushing the boundaries of computer science research and on teaching our students to be innovative and practical professionals, able to think for themselves and to bring creative solutions to industry and to society. Our research is radically multi-disciplinary and varied with a span that reaches from a strong emphasis on interactivity, virtual reality, and creative uses of computers to data analytics in medical and commercial applications. We have been extremely successful in recent years, attracting exciting new staff, winning important research grants, and greatly expanding in size, impact, and mission. The new jobs will help us to move to the next stage, reinforcing our internationally significant position in interactivity, creative computing and games, while building up strength in data science and theoretical computer science.

The Computing Department plays a central role in Goldsmiths: we have joint research and joint teaching with several other departments and, after our recent growth, we are now the department with the second largest income and the largest number of undergraduate students in the College. We are devoted to nurturing our current students and devoted too to widening participation in computer science education. Goldsmiths Computing has twice the national computer science average percentage of women students and we are working hard to increase that number. We are devoted to ensuring that this is a healthy stimulating place for women and non-binary staff and students to work and study.

We are looking for people who will enthusiastically help us grow and prosper.

Job description

Summary:

This is part of a 36-month project aims to facilitate UK-Shanghai partnership in the area of immersive technology and the creative industry. The project focuses on immersive and mixed reality experiences, via curated networking and partnership building events involving creative IP companies, academics and technical partners in the UK and Shanghai.

Led by Goldsmiths, University of London, the IIIE UK-Shanghai Consortium includes leading UK arts, cultural, immersive and digital content partners (RSC, National Theatre, Maze Theory, Dream Reality Interactive, Philharmonia), alongside leading Shanghai arts, tech, immersive and academic partners.

The project aims to enable the exchange of a critical mass of individuals experienced in cross-national collaboration and a more widely diffused understanding of cross-cultural working in both markets. The project will address a range of critical research questions. First, what new opportunities and challenges will 5G enabled interactive experiences bring? Second, how can China and UK technologists and creatives best work together? Third, what new monetisation models will best realise the fruits of these endeavours? And last but not least, what are the necessary ethical considerations given rapid advances in AI and immersive? We will address these research questions through networking events, online and in person workshops, and via large-scale and in-depth audience and market research (including XR user studies) conducted in both countries.

Main duties:

- Working closely with PI and co-Is in this project and form research questions utilising XR technology to facilitate UK-China partnership building in the area of XR and creative industry
- Facilitate online workshop events with both UK and China based partners in the area of immersive technology and art.
- Implement prototype and/or research studies
- Conduct both domestic and international user studies

- Publishing in international conferences and journals and presenting research results.
- Provide administrative and technical support for UK academics and partners from the creative industry's showcase in China

Additional duties:

- Communicating effectively with other staff
- Participating in various forms of public engagement, working with Goldsmiths' communication team where appropriate
- Attending staff development, as needed, to develop research skills
- In addition, you will be required to undertake any other duties as may reasonably be required.
- At all times to carry out your responsibilities with due regard to the College Code on Equality and Diversity/Dignity at Work Policy.
- At all times to help maintain a safe working environment by attending training as necessary and following the College's Health and Safety Codes of Practice and Policy

Person Specification

Detailed below are the types of qualifications, experience, skills and knowledge which are required of the post holder. Selection will be made upon evidence of best fit with this criteria.

The Essential criteria sections show the minimum essential requirements for the post, therefore if you cannot demonstrate in your application you meet the essential criteria categorised below, you will not be invited to interview.

The Desirable criteria sections show additional attributes which would enable the applicant to perform the role more effectively with little or no training.

The Category column indicates the method of assessment:

A = Application form **C = Certificate**

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I = Interview **R = Reference**
T = Test / P = Presentation

	Category
Essential Criteria 1 – Qualifications	
Undergraduate degree in Computer Science or a relevant discipline	A, C, I
PhD (awarded or submitted) or equivalent research experience in Computer Science with a focus on immersive technology	A, R, I
Essential Criteria 1 – Experience	
Experience of conducting user research in the area of immersive technology (Virtual and Augmented Reality)	A, I
Experience of working and conducting research with a range of stakeholders	A, I, R
A track record of high-quality research publications	A, I
Essential Criteria 2 – Knowledge	
Essential Criteria 3 – Skills	
Working fluency in both English and Mandarin Chinese	A, I
Ability to work effectively with (non-vulnerable, adult) research participants	A, I, R
Good teamworking skills	A, I, R
Good communication skills	A, I, R
	R, I
Desirable Criteria 1 – Experience	
Experience of working with the creative industry	A, I, R
Experience of Interaction Design or other HCI methodologies	A, I, R
Experience of working in a highly interdisciplinary environment	A, I, R
Experience of organising events or collaborative research meetings involving partners from difference countries.	A, I, R
Desirable Criteria 2 – Knowledge	
Knowledge of the state of the art in Virtual and/or Augmented Reality	A, I
Knowledge of the UK and China creative industry	A, I
Knowledge of the state of the art in Interaction Design or other HCI methodologies	A, I
Knowledge of the state of the art in Machine Learning	A, I
Desirable Criteria 3 – Skills	

Ability to communicate research effectively to people from a wide range of disciplines	A, I, R
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Please also note that where qualifications are required, employment is conditional on the verification of them. Qualifications (must be original documents) will be checked on the first day of appointment.

For more information about the role, please contact Sylvia Pan, e-mail x.pan@gold.ac.uk

28, Jan 2021

Summary of Benefits

If you choose to work with us, you'll become part of a learning organisation that is committed to professional and personal development, with a comprehensive and innovative staff development programme.

You'll also have access to frequent lunchtime and evening talks, seminars and performances, and annual performance and development reviews.

Our other benefits include:

- Competitive salary
- Working in Zone 2, with fantastic transport links and interest free travel to work loans
- Excellent annual leave entitlement plus additional closure days at Christmas and Easter
- Membership of USS or LPFA pension scheme
- Access to exclusive discounts, including high street retailers
- Maternity, paternity and adoption leave and pay and tax efficient childcare voucher scheme

- Contractual sick pay provision
- Free eye tests
- Wellbeing initiatives including the Chaplaincy and Staff Choir
- On-site [dining facilities](#).
- Access to [University of London facilities](#) such as Senate House Library

Further information

For more information about Goldsmiths, please visit: www.gold.ac.uk/about.

We can supply information in alternative formats for people with a visual impairment or dyslexia. For this please contact hr@gold.ac.uk, or visit www.gold.ac.uk/hr.

Thank you for your interest in working with us, we wish you all the best with your application.