

Dr. Jue Xie
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Biography

Dr Jue (Grace) Xie is a Research Fellow in human-computer interaction at Action Lab. She is also a senior software engineer and has 15 years of applied research experience in software architectures, web information systems, consumer health informatics, information quality and knowledge engineering. Since 2002 from a research programmer to a software architect, Grace contributed significantly in system design, development and implementation to diverse interdisciplinary research projects within firstly Monash Centre for Distributed Systems and Software Engineering, Microsoft Research Asia, and Monash Centre for Organisational and Social Informatics. In 2012, after received her PhD from Monash Faculty of IT, Grace was appointed to teach and coordinate an IT double Masters course in partnership with China Southeast University at Suzhou joint campus. Before joining the Computer Human Interaction and Creativity group, Grace was a full-time researcher and senior IT developer in applying AI innovations for improved public healthcare at Monash Centre for Health Research and Implementation.

Over the course of her academic career, Grace has developed and delivered a number of web applications, mobile solutions and conversational AI innovations to facilitate quality information delivery, personalised services, and digital communications. For example, she recently developed 'AskPCOS', a mobile lifestyle intervention to help women manage Polycystic Ovary Syndrome that is used by thousands of women from over 90 countries. Her current work focuses on how to bootstrap people's daily digital technology practice and facilitate coordinated action by communities using existing social media technologies and services. To this end, at Action Lab, she is undertaking research on the design, modelling and implementation of technologies and systems that underpin the novel services developing in collaboration with many academic and external partners.

Qualifications