

Abstract:

The advancement in technology indicates that there is an opportunity to enhance human–computer interaction with automated intelligence in order to permit natural and reliable interaction similar to human-human interaction. This research aims to generate a user model that will be utilized to infer a user’s emotional and cognitive state, which may be subsequently exploited to adapt the user experience in order to maximize the performance of the system and guarantee task completion. Moreover, it aims is to find the potential relationship between the facial expressions, as defined by Paul Ekman, and the self-reported emotional states specified by users using Russells Circumplex model, in relation to the actual feelings and affective states

Biography:

التحق انس سماره بجامعة بيرزيت عام 2004-2009 في تخصص هندسة انظمة الحاسوب ومن ثم أكمل دراسة الماجستير فيها 2010-2013. بعد ذلك أكمل دراسة الدكتوراه بعد التحاقه بمعهد ابحاث تطبيقات الذكاء الاصطناعي والبيئة الذكية بجامعة الستر في بريطانيا 2014-2018.