Opening of Research Fellow Position in Real-time Interactive Character Animation

Job Description:
The Institute for Media Innovation (IMI http://imi.ntu.edu.sg/) at Nanyang Technological University immediately invites applications for a post-doc position to work in our leading research new media Institute (IMI) in Singapore, in the area of real-time interactive character animation for virtual characters and social robots. Researchers will have an opportunity to work in a cutting-edge interactive environment with top equipment as a new immersive room, real-time motion capture and several social robots and will be part of a multi-national research project in the BeingThere center.

Eligibility:
The position requires a PhD in the area of 3D character animation in particular for interactive and conversational virtual characters. The applicant must have an experience in the above mentioned area as evidenced by publications in high level international journals and conferences. He/she should have expertise in one or more of the following topics and knowledge of fundamental computer graphics topics (e.g. rendering, image manipulation, geometric modelling):

- Expressive face and body animation
- Multi-modal behaviour generation and synchronization
- Automated non-verbal behaviour generation
- Data-driven character animation

Strong capacity, commitment to research and good communication skills are expected. High expertise in C++ is required, as well as proficiency in Python or other scripting language. Experience developing software in team using source code management (e.g. git) is a plus.

Salaries are competitive and are determined according to the successful applicants' accomplishments, experience and qualifications. Singapore has low income tax and a postdoc is likely to pay a variable income tax of a maximum of 15% (see http://www.iras.gov.sg/irasHome/page04.aspx?id=1190).

Please submit the following to imi-recruitment@ntu.edu.sg:
a. Curriculum vitae with photo
b. A brief research statement and description of past research experience
c. Two names and contacts of recommendation
d. Availability date
e. Salary expectation

Review of applicants will begin immediately and continue until the positions are filled. NTU (http://www.ntu.edu.sg) and IMI (http://imi.ntu.edu.sg/) offer vibrant multidisciplinary research environment, both students and faculty members enjoy a host of opportunities for research collaboration with world-leading universities and renowned institutes. There is a strong research culture where innovation and critical enquiry are key features, NTU researchers are immersed in the best of work environment.