

Visiting Research Positions: Computer Scientists & Computer Programmers
Research Areas: Multimodal analysis of video, audio and text, video processing and search, user interfaces, with a focus on sound

Multimodal Analysis Lab
Interactive & Digital Media Institute (IDMI)
National University of Singapore
<http://multimodal-analysis-lab.org/>

Job Description:

The Multimodal Analysis Lab in the Interactive Digital Media Institute (IDMI) at the National University of Singapore has immediate openings for Visiting Associate Professor, Visiting Senior Fellow/Scientist and Visiting Fellow/ Scientist to develop software tools for multimodal analysis and manipulation of multimedia data, focusing on the computational representation and analysis of sound. The successful applicants will have demonstrated knowledge, abilities and skills required to develop simple intuitive graphical user interfaces for manipulating, annotating, analysing and searching aural (and visual) data. Applicants must be able to work in English-speaking interdisciplinary research team to design and develop flexible, extensible object-oriented code.

Requirements/Pre-requisites:

- The candidate should have a PhD or equivalent in the field of computer science or a related area
- Excellent academic record, publication list and/or industry experience appropriate to the level of appointment
- Experience with C/C++ and scripting programming languages, e.g. Tcl/Tk, Python, Ruby or similar.
- GUI programming experience and understanding of event-driven programming
- Strong experience in speech/sound processing in academic research as well as practical development.
- Experience with Unix/Linux operating systems
- The candidate should possess good communication skills in English, and be willing to work as part of an interdisciplinary research team.

Term of Appointment:

The appointment can start immediately and it will be for six months or one year, with possibility for extension up to one additional year.

To apply, please email your resume to Hanizah Ali (hanizah@nus.edu.sg)

Enquiries, please contact Associate Professor Kay O'Halloran (idmkoh@nus.edu.sg)