

Curriculum Vitae

Personal Details

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Research Interests

Machine learning, computational social science, data analysis and fusion, sensing, multimodal signal processing

Education

Ecole Polytechnique de Fédérale de Lausanne (EPFL), Switzerland May 2011
Docteur ès Sciences (PhD) in Electrical and Electronics Engineering

Indian Institute of Science (IISc) Bangalore, India Nov 2003
Master of Science, M. Sc (engg) in Electrical Engineering

Madras Institute of Technology, India June 2001
Bachelor of Technology in Electronics

Professional Experience

Idiap Research Institute, Martigny, Switzerland Mar. 2011 - till date
Postdoctoral researcher

Idiap Research Institute, Martigny, Switzerland Jan. 2007 - Jan. 2011
Research Assistant

Mercedes-Benz Research and Technology India Dec 2003 - Dec 2006
Senior Research Engineer

Teaching Experience

EDEE Electrical Engineering, EPFL, Switzerland Spring 2010
Computational Perception using Multimodal Sensors
Teaching Assistant

Honors

- Idiap PhD student research award for the year 2009.
- A collaborative work with MIT Media lab, 'Recognizing conversational context in group interaction using privacy-sensitive mobile sensors', was one of 5 conference papers in Mobile and Ubiquitous Multimedia (MUM) 2010, selected for publication in Springer Multimedia Systems journal.
- Ranked 21 in state level mathematical olympiad competition.
- School topper in Computer Science, Mathematics and Chemistry.

Grants

- Principal post-doctoral researcher of a 6-month grant from NTT Communication Science Lab titled 'NISHA: NTT - Idiap Social beHavior Analysis Initiative', starting August 2011.

Professional Activities

- Reviewer for journals: IEEE Pervasive computing; IEEE Transactions on Multimedia; Springer Cognitive Computation; Springer Multimedia systems; ACM Transactions on Information Systems.
- Reviewer for conferences: ACM International Conference on Multimodal Interfaces (ICMI) 2011; ACM International Conference on Multimodal Interfaces (ICMI-MLMI) 2009; National Conference on Communications 2009.
- Program committees of conferences: ACM International Conference on Multimodal Interfaces (ICMI) 2011

References

- Dr. Daniel Gatica-Perez, Idiap Research Institute, P.O. Box 592, Rue Marconi 19, CH-1920 Martigny, Switzerland. Email: gatica@idiap.ch, Phone: +41 27 721 77 33
- Prof.Dr. Anton Nijholt, University of Twente, Faculty EEMCS, Zilverling, PO Box 217, 7500 AE Enschede, Netherlands. Email: anijholt@cs.utwente.nl, Phone: +31 53 4893686
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