

# Utkarsh Upadhyay

## PhD candidate at MPI-SWS

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### Work & Education

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Jan '15 – now	PhD Candidate at MPI-SWS, working with Prof. Manuel Gomez Rodriguez
May '15 – now	Co-founder of <a href="http://SpeaQWith.Me">SpeaQWith.Me</a> in Saarbrücken, Germany
Apr '12 – Dec '14	Software Developer at Better AG, web-client development and data visualisation
Aug '10 – Feb '11	Internship at CCIL-NEC, Japan on <i>Information diffusion on Twitter</i>
Sept '09 – Feb '12	MS in Computer Science at EPFL, Switzerland; GPA: <b>5.7/6</b>
May '08 – July '08	Internship at Microsoft Research, Redmond on <i>RoboCopy replacement, RoboClone</i>
Aug '05 – May '09	B.Tech. in Electrical Engg. from Indian Institute of Technology, Kanpur; CPI: <b>9.5/10</b>

### Scholastic achievements

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2012	Awarded <i>Prix ECLA Informatique</i> for highest GPA in Computer Science MS at EPFL
2009-10	Awarded the Academic Excellence scholarship for Masters studies at EPFL
2009	Silver medal at the programming competition ACM-SWERC '09
2005-09	Recipient of the <i>Aditya Birla Scholarship</i> (Given to 10 students all over India)
2005-06	Recipient of the Academic Excellence Award at IITK
2005	Secured 108 <sup>th</sup> rank in Joint Entrance Examination for IITs (Percentile: 99.97%)

### Current interests

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Python, Lua (Torch), Julia, {Type,Java}script, C/C++, HTML/CSS, Meteor, Haskell

### Selected Publications

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- N. Du, H. Dai, R. Trivedi, **U. Upadhyay**, M. Gomez-Rodriguez, Le Song. *Recurrent Temporal Point Process*, KDD 2016, San Francisco, USA.
- R. Khalili, N. Gast, M. Popovic, **U. Upadhyay**, Jean-Yves Le Boudec. *MPTCP is not Pareto-optimal: Performance issues and a possible solution*. **Best Paper Award**, CoNEXT 2012, Nice, France.
- G. Mermoud, M. Mastrangeli, **U. Upadhyay** and A. Martinoli. *Real-Time Automated Modeling and Control of Self-Assembling Systems*. 2012 IEEE International Conference on Robotics and Automation, St. Paul, Minnesota, USA, May 14-18, 2012.
- **U. Upadhyay**, N. Yoshinaga, S. Itaya, R. Tanaka, T. Konishi, S. Doi, K. Yamada and P. Davis. *Evaluation of Participants in Group-discussions on Twitter*. In 8<sup>th</sup> Applications of Social Network Analysis, Sept. '11.
- G. Mermoud, **U. Upadhyay**, W. C. Evans and A. Martinoli. *Top-Down vs Bottom-Up Model-Based Methodologies for Distributed Control: A Comparative Experimental Study*. Presented in 12<sup>th</sup> International Symposium on Experimental Robotics (ISER), Dec. - 2010. Appears in proceedings.
- R. Arora, **U. Upadhyay**, R. Tulshyan, K. Deb, J. Dutta. *A Parallel Randomized Algorithm for Solving Large Convex Minimax Problem*. Presented in 8<sup>th</sup> International Conference on Simulated Evolution and Learning (SEAL), Dec. - 2010. Appears in Lecture Notes in Computer Science (LNCS, Springer, Vol. 6475).

### Interests & Activities

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- Recreational programming, visualization & data mining
- Co-organizer/speaker at ML Summer School - 2016
- Member of Counselling Service, IIT Kanpur
- Astronomy
- Won at StartUp day, Saarbrücken - 2015
- Active on Stack Overflow