

Utkarsh Upadhyay

PhD candidate at MPI-SWS

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Work & Education

Jan '15 – now	PhD Candidate at MPI-SWS, working with Prof. Manuel Gomez Rodriguez
May '15 – now	Co-founder of SpeaQWith.Me 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: 5.7/6
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: 9.5/10

Scholastic achievements

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 th rank in Joint Entrance Examination for IITs (Percentile: 99.97%)

Current Interests

Python, TypeScript, JavaScript, C/C++, HTML/CSS, Meteor, Julia, Rust, Haskell

Selected Publications

- **U. Upadhyay**, I. Valera, M. Gomez-Rodriguez. *Uncovering the Dynamics of Crowdlearning and the Value of Knowledge*. WSDM 2017.
- A. Zarezade, **U. Upadhyay**, H. Rabiee, M. Gomez-Rodriguez. *RedQueen: An Online Algorithm for Smart Broadcasting in Social Networks*. WSDM 2017.
- S. L. Blond, C. Gilbert, **U. Upadhyay**, M. Gomez-Rodriguez, D. Choffnes. *A Broad View of the Ecosystem of Socially Engineered Exploit Documents*. Network and Distributed System Security symp. (NDSS) 2017.
- N. Du, H. Dai, R. Trivedi, **U. Upadhyay**, M. Gomez-Rodriguez, Le Song. *Recurrent Temporal Point Process*, KDD 2016.
- 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.
- G. Mermoud, M. Mastrangeli, **U. Upadhyay** and A. Martinoli. *Real-Time Automated Modeling and Control of Self-Assembling Systems*. ICRA 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 8th Applications of Social Network Analysis, 2011.
- 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*. ISER 2010.

Interests & Activities

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| ○ Recreational programming, visualization & data mining | ○ OSS Contributor |
| ○ Co-organizer/speaker at ML Summer School - 2016/17 | ○ Won at StartUp day, Saarbrücken - 2015 |
| ○ Member of Counselling Service, IIT Kanpur | ○ Active on Stack Overflow |