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*	Technical advisor 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 *Information diffusion on Twitter*
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 *RoboCopy replacement, RoboClone*
Aug '05 – May '09	B.Tech. in Electrical Engg. from Indian Institute of Technology, Kanpur; CPI: **9.5/10**

Scholastic achievements

2017-18	Yahoo! Academic Research Program (ARP) Collaborator
2012	Awarded *Prix ECLA Informatique* 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 *Aditya Birla Scholarship* (Given to 10 students all over India)
2005-06	Recipient of the Academic Excellence Award at IITK
2005	Secured 108th rank in Joint Entrance Examination for IITs (Percentile: 99.97%)

Current Interests

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

Selected Publications

- A. Zarezade, A. De, **U. Upadhyay**, H. R. Rabiee, M. Gomez-Rodriguez. *Steering Social Activity: A Stochastic Optimal Control Point of View.* Accepted for publication at Journal of Machine Learning Research.

- B. Tabibian, **U. Upadhyay**, A. De, A. Zarezade, B. Schölkopf, M. Gomez-Rodriguez. *Optimizing Human learning.* Workshop on Teaching Machines, Robots and Humans Workshop at NIPS 2017.

- **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.

- 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.

Interests & Activities

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