

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 | 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 <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

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| 2017-18 | Yahoo! Academic Research Program (ARP) Collaborator |
| 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, 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*. Submitted to Journal of Machine Learning Research (JMLR).
- 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 Crowlearning 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
- Won at StartUp day, Saarbrücken - 2015
- Active on Stack Overflow