# 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 |
| Aug '18 – Nov '18 | Intern at Yahoo! Research (Oath Holdings) |
| Apr '12 – Dec '14 | Software Developer at Better AG, web-client development and data visualisation |
| Aug '10 – Feb '11 | Intern 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 | Intern at Microsoft Research, Redmond on *RoboClone (RoboCopy replacement)* |
| 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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|---|---|
| 2017-19 | 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 $108^{th}$ rank in Joint Entrance Examination for IITs (Percentile: 99.97%) |

## Current Interests

TensorFlow, Python, TypeScript, JavaScript, C/C++, HTML/CSS

## Selected Publications

- **U. Upadhyay**, A. De, A. Pappu, M. Gomez-Rodriguez. *On the Complexity of Opinions and Online Discussions.* WSDM 2019.

- **U. Upadhyay**, A. De, M. Gomez-Rodriguez. *Deep Reinforcement Learning of Marked Temporal Point Processes.* NIPS 2018.

- A. Zarezade, A. De, **U. Upadhyay**, H. R. Rabiee, M. Gomez-Rodriguez. *Steering Social Activity: A Stochastic Optimal Control Point of View.* JMLR 2018.

- 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.

## 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 StackOverflow