Utkarsh Upadhyay
CTO/co-founder Reason.al

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Work & Education

Oct '19 – *now*	CTO/co-founder of Reason.al
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

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 108th rank in Joint Entrance Examination for IITs (Percentile: 99.97%)

Current Interests

AI/ML, TensorFlow, Python, JavaScript, HTML/CSS

Selected Publications

- **U. Upadhyay**, R. Busa-Fekete, W. Kotlowski, D. Pal, B. Szorenyi. *Learning to Crawl.* **Oral**, AAAI 2020.

- B. Tabibian, **U. Upadhyay**, A. De, A. Zarezade, B. Schölkopf, M. Gomez-Rodriguez. *Enhancing human learning via spaced repetition optimization.* PNAS 2019.

- **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.* NeurIPS 2018.

- **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	○ OSS Contributor: ⛎ musically-ut
○ Co-organizer/speaker at ML Summer School - 2016/17	○ Won at StartUp day, Saarbrücken - 2015
○ Member of Counselling Service, IIT Kanpur	○ Active on StackOverflow

Last updated: January 2, 2020