

Emaad Ahmed Manzoor

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EDUCATION	King Abdullah University of Science and Technology Aug 2013 – Aug 2015 (expected) Master of Science, Computer Science. GPA: 3.95 / 4.0 <i>Thesis title:</i> Scheduling broadcasts in a network of timelines. <i>Advisor:</i> Panos Kalnis.
	Birla Institute of Technology and Science - Pilani Aug 2008 – May 2012 Bachelor of Engineering (Hons.), Computer Science. GPA: 8.17 / 10.0
WORK EXPERIENCE	Oregon State University , Corvallis. Google Summer of Code Intern. May – Aug, 2014 Designed and developed a REST API and a command-line interface facilitating infrastructure-wide IPMI management of data centre machines over REST.
	Yahoo! , Bangalore. Software Engineer. Jul 2012 – Aug 2013 Designed and built a distributed system for low-latency event detection from newswire, Twitter, and Yahoo! Search streams.
	Tachyon Technologies , Bangalore. Research Intern. May – July, 2012 Developed image processing algorithms to dewarp photographs, flatten color gradients and extract comic panels. Advised by CEO and MIT TR35 awardee Ram Prakash Hanumanthappa.
	Yahoo! , Bangalore. Software Engineer Intern. Jul – Dec, 2011 Extended the event-detection system to be centrally configurable and multithreaded. Implemented a research prototype to detect geographically niche search trends. Full-time offer on completion.
	University of Massachusetts , Lowell. MVHub Summer of Code Intern. Jun – Sep, 2011 Built a Debian package for MVHub, a directory of non-profit services maintained by the Community Software Lab at the University of Massachusetts, Lowell.
AWARDS	Best Mashery Hack, PennApps X, Philadelphia (sponsored by Intel). 2014 International Travel Grant, PennApps X, Philadelphia (sponsored by PennApps). 2014 King Abdullah University of Science and Technology Fellowship. 2013 Erasmus Mundus LCT Masters Scholarship ¹ (awarded to 4 international applicants). 2013 Winner, Random Hacks of Kindness, Bangalore. 2011 Consultancy Development Cell Fellowship, Ministry of Science and Technology of India. 2009
RESEARCH EXPERIENCE	Scheduling Broadcasts in a Network of Timelines January 2014 – Now <i>Advised by Panos Kalnis, InfoCloud Research Group, KAUST.</i> Quantifying monotony aversion, bursty circadian rhythms and designing algorithms to schedule broadcasts that maximize organic reach in a social network with chronological timelines.
	Detecting Malware Android Applications Aug – Dec, 2013 <i>Advised by Xiangliang Zhang, MINE Lab, KAUST.</i> Applied graphical models from natural language processing to an Android permission dataset to reduce dimensionality in an interpretable manner. Evaluated its performance on a malware classification task.
LANGUAGES	Java (preferred), Python, C.

¹Declined, having accepted the KAUST Fellowship.