

Emaad Ahmed Manzoor

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EDUCATION	King Abdullah University of Science and Technology Aug 2013 – May 2015 (expected) Master of Science, Computer Science. GPA: 3.96 / 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
RESEARCH EXPERIENCE	Scheduling Broadcasts in a Network of Timelines January 2014 – Now <i>Advised by Panos Kalnis, InfoCloud Research Group, KAUST.</i> Quantified the interaction between monotony aversion, bursty circadian rhythms and information overload, and designed a broadcast scheduling algorithm to maximise the expected attention received. 1 paper (under review for KDD '15) and 1 patent (filed in February '15).
	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.
WORK EXPERIENCE	Quantitative Engineering Design , San Francisco. Research Intern. Apr 2015 – Now Research and development for a machine learning project.
	Oregon State University , Corvallis. Google Summer of Code Intern. May – Aug, 2014 Designed and developed a REST API and a CLI for IPMI management of data centre machines.
	Yahoo! , Bangalore. Software Engineer. Jul 2012 – Aug 2013 Designed and developed a distributed system for low-latency event detection from content streams.
	Tachyon Technologies , Bangalore. Research Intern. May – July, 2012 Developed image processing algorithms to dewarp, recolor and digitise comic books.
	Yahoo! , Bangalore. Software Engineer Intern. Jul – Dec, 2011 Implemented a configuration mechanism for the event detection system. Full-time offer on completion.
	University of Massachusetts , Lowell. MVHub Summer of Code Intern. Jun – Sep, 2011 Built a Debian package for MVHub.
AWARDS	<ul style="list-style-type: none">Worldwide Top 100 (of 1720 teams), IEEE Xtreme 8.0 Programming Competition. 2014Best Mashery Hack & Travel Grant (\$500), PennApps X, Philadelphia (sponsored by Intel). 2014King Abdullah University of Science and Technology Fellowship. 2013Erasmus Mundus LCT Masters Scholarship¹ (awarded to 4 international applicants). 2013Employee Performance Bonus, Yahoo!. Q2, Q3 2013Winner, Random Hacks of Kindness, Bangalore. 2011Consultancy Development Cell Fellowship, Ministry of Science and Technology of India. 2009
SERVICE	External reviewer for WWW, EuroSys, VLDBJ, CIKM. Organized TechFM, a weekly technical talk series at Yahoo! on math, science and technology.
LANGUAGES	Java, Python, C.

¹Declined, having accepted the KAUST Fellowship.