

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. CGPA: 3.95 / 4.0 Thesis: Broadcast scheduling in social networks. Birla Institute of Technology and Science - Pilani Aug 2008 – May 2012 Bachelor of Engineering (Hons.), Computer Science. CGPA: 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 command-line interface facilitating infrastructure-wide IPMI management of data centre machines. Yahoo! , Bangalore. Software Engineer. Jul 2012 – Aug 2013 Built a distributed system for low-latency event detection from newswire, Twitter, and the Yahoo! Search streams. Tachyon Technologies , Bangalore. Research Intern. May – July, 2012 Designed computer vision algorithms to dewarp photographs, optimization algorithms to correct colors and extract comic panels, and built an Android application prototype. 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 search trends that are niche to certain geographic areas. 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 Prof. Panos Kalnis, InfoCloud Research Group, KAUST. (cloud.kaust.edu.sa)</i> Quantifying monotony aversion, bursty circadian rhythms and designing algorithms to schedule broadcasts in a social network with chronological timelines, to maximize the average daily organic reach. Detecting Malware Android Applications Aug – Dec, 2013 <i>Advised by Dr. Xiangliang Zhang, MINE Lab, KAUST. (mine.kaust.edu.sa)</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.
PROGRAMMING LANGUAGES	Java, Python, C.

¹Declined, having accepted the KAUST Fellowship.