

# Emaad Ahmed Manzoor

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EDUCATION	<b>King Abdullah University of Science and Technology</b> <b>Aug 2013 – May 2015 (expected)</b> 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.
	<b>Birla Institute of Technology and Science - Pilani</b> <b>Aug 2008 – May 2012</b> Bachelor of Engineering (Hons.), Computer Science. GPA: 8.17 / 10.0
RESEARCH EXPERIENCE	<b>Scheduling Broadcasts in a Network of Timelines</b> <b>January 2014 – Now</b> <i>Advised by Panos Kalnis, InfoCloud Research Group, KAUST.</i> Quantified the interaction between monotony aversion, bursty circadian rhythms and information overload. Formulated the attention potential objective. Designed a broadcast scheduling algorithm to maximise attention potential. 1 <b>paper</b> (under review for KDD '15) and 1 <b>patent</b> (filed in February '15).
	<b>Detecting Malware Android Applications</b> <b>Aug – Dec, 2013</b> <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	<b>Oregon State University</b> , Corvallis. Google Summer of Code Intern. <b>May – Aug, 2014</b> Designed and developed a REST API and a CLI for IPMI management of data centre machines.
	<b>Yahoo!</b> , Bangalore. Software Engineer. <b>Jul 2012 – Aug 2013</b> Designed and developed a distributed system for low-latency event detection from content streams.
	<b>Tachyon Technologies</b> , Bangalore. Research Intern. <b>May – July, 2012</b> Developed image processing algorithms to dewarp, recolor and digitise comic books.
	<b>Yahoo!</b> , Bangalore. Software Engineer Intern. <b>Jul – Dec, 2011</b> Implemented a configuration mechanism for the event detection system. Full-time offer on completion.
	<b>University of Massachusetts</b> , Lowell. MVHub Summer of Code Intern. <b>Jun – Sep, 2011</b> Built a Debian package for MVHub.
AWARDS	<ul style="list-style-type: none"><li>Worldwide Top 100 (of 1720 teams), IEEE Xtreme 8.0 Programming Competition.      <b>2014</b></li><li>Best Mashery Hack, PennApps X, Philadelphia (sponsored by Intel).      <b>2014</b></li><li>International Travel Grant, PennApps X, Philadelphia (sponsored by PennApps).      <b>2014</b></li><li>King Abdullah University of Science and Technology Fellowship.      <b>2013</b></li><li>Erasmus Mundus LCT Masters Scholarship<sup>1</sup> (awarded to 4 international applicants).      <b>2013</b></li><li>Employee Performance Bonus, Yahoo!.      <b>Q2, Q3 2013</b></li><li>Winner, Random Hacks of Kindness, Bangalore.      <b>2011</b></li><li>Consultancy Development Cell Fellowship, Ministry of Science and Technology of India.      <b>2009</b></li></ul>
SERVICE	External reviewer for WWW, EuroSys, VLDBJ, CIKM. Organised TechFM, a weekly technical talk series at Yahoo! on math, science and technology.
LANGUAGES	Java (preferred), Python, C.

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<sup>1</sup>Declined, having accepted the KAUST Fellowship.