

Amit Kumar Dutta

CONTACT INFORMATION	1501 15 th Avenue South, Apartment 15 Birmingham, Alabama, 35205 , USA	<i>Cell:</i> +1(205) 413-5598 <i>E-mail:</i> adutta@cis.uab.edu
EDUCATION	The University of Alabama at Birmingham , Birmingham, Alabama, USA M.S., Computer and Information Sciences, August 2012 - May 2014 (Expected), CGPA: 4.0/4.0 Bangladesh University of Engineering and Technology , Dhaka, Bangladesh B.SC., Computer Science and Engineering, October 2009, CGPA: 3.74/4.0 (9 th among 120 students)	
PUBLICATIONS	“How Much Does Storage Really Cost? Towards a Full Cost Accounting Model for Data Storage”, Amit Kumar Dutta and Ragib Hasan, GECON 2013 . (Acceptance rate: 28%) “Phish-Net: Investigating Phish Clusters Using Drop Email Addresses”, Shams Zawoad, Amit Kumar Dutta, Alan Sprague, Ragib Hasan, and Jason Britt, APWG eCrime 2013 . “SecLaaS: Secure Logging-as-a-Service for Cloud Forensics”, Shams Zawoad, Amit Kumar Dutta and Ragib Hasan, ASIACCS 2013 . (Acceptance rate: 16.2%) “Prefix transpositions on binary and ternary strings”, Amit Kumar Dutta, Masud Hasan and M. Sohail Rahman, Information Processing Letters , Volume 113, Issue 8, 30 April 2013, Pages 265–270, Elsevier	
PROFESSIONAL EXPERIENCE	5/2013 - 8/2013, Software Engineering Intern, MedSnap , Birmingham, Alabama, USA <ul style="list-style-type: none">Developed and coded IT infrastructure automation framework for MedSnap’s ecommerce site (http://www.medsnap.com) which enabled significant savings in cloud charges, very quick and easy reproduction of development environment on demand. Technologies: Ruby, OpsCode Chef, VagrantDefined pill archival and extraction workflow for Medsnaps Snap Lab and coded two daemons for this purpose. Technologies: UNIX Shell Scripting, C# 5/2010 - 7/2012, Software Engineer, Vizrt , Dhaka, Bangladesh <ul style="list-style-type: none">Performed product design and architecture related research of Viz Media Desk (the core framework of all Vizrt MAM applications), coding Viz Media Logger (http://www.vizrt.com/products/viz_media_logger/article3886.ece) on top of this framework.Developed reusable components (e.g. media player, media time code control, GUI rendering from XML specification etc.) and a media plug-in in Vizrt’s proprietary media framework to render D3DImage in WPF surface so that the Video Player can support overlays.Coded custom controls in WPF, a tool to generate stub classes from WADL (Web Application Description Language) specification and corresponding serialization, authorization functionality, writing unit/integration test cases.Technologies: WPF, Prism, MVVM, REST, C#, C++, Bazaar 9/2009 - 8/2010, Software Engineer, Quantitative Intelligence (QI), Inc. , Princeton NJ <ul style="list-style-type: none">Integrated outlook meeting synchronization in QI, improved QI outlook add-on and relationship graph to implement this functionality, added features in QI core service, which archives, stages and clusters email and social networking data in relational database.Technologies: C#, Windows Forms, SQL Server CE, WIX, SVN 12/2009 - 4/2010, Senior Programmer (Technology/Development), Axiata Bangladesh Limited (Robi) , Dhaka, Bangladesh <ul style="list-style-type: none">Implemented CXO’s chat room for in-house discussion among employees and managers, wrote custom Order Queue Management System to ensure better quality of service. 12/2008 - 12/2009, Software Engineer, Binary Quest Limited , Dhaka, Bangladesh <ul style="list-style-type: none">Developed different modules of bqHealth ERP system, coded MAC and group based authentication system, video capturing and reporting software and auto key stroke simulation.	
COMPUTER SKILLS	Programming Languages: Proficient in Java, C#, C++, C, PHP, JavaScript Technologies: WPF, WCF, Windows Forms, J2SE, J2EE, OpenGL, Chef, DevOps	
ACADEMIC PROJECTS	Lexi, 3D object modeling, Boishakhi Mela, Media Agency Management System, Wireless Electrocardiogram system	

¹Codeproject articles: <http://www.codeproject.com/script/Articles/MemberArticles.aspx?amid=5747687>, LinkedIn profile: <http://www.linkedin.com/in/amitdutta/>, github: <https://github.com/amitdutta>, homepage: <http://www.amitdutta.net/>, All academic projects: <http://amitdutta.net/education.php>