

CONTACT INFORMATION	PhD Student Department of Computer Science University of Illinois at Urbana Champaign Champaign, IL - 61820 USA	<i>Cell:</i> 1-217-419-9551 <i>Email:</i> das17@illinois.edu
EDUCATION	<b>Bangladesh University of Engineering and Technology</b> , Dhaka, Bangladesh M.Sc.Engg., Computer Science and Engineering, June 2010 <ul style="list-style-type: none"><li>• CGPA: 3.92 out of 4.00</li><li>• Thesis Topic: Dynamic Trust Model for Multi-agent Systems</li><li>• Supervisor: <a href="#">Dr. M. Mahfuzul Islam</a></li></ul> B.Sc.Engg., Computer Science and Engineering, January 2008 <ul style="list-style-type: none"><li>• CGPA: 3.94 out of 4.00 (Ranked 3rd in a class of 115 students)</li><li>• Undergraduate Thesis Topic: Evolution of Neural Network using Genetic Algorithm</li><li>• Supervisor: <a href="#">Dr. Md. Monirul Islam</a> and <a href="#">Md. Shohrab Hossain</a></li></ul> <b>Notre Dame College</b> , Dhaka, Bangladesh Higher Secondary Certificate (H. S. C.), 2002 <ul style="list-style-type: none"><li>• First Division with Star Marks and Distinctions in 4 subjects</li><li>• Total Marks: 923 out of 1000</li></ul> <b>Mymensingh Zilla School</b> , Mymensingh, Bangladesh Secondary School Certificate (S. S. C.), 2000 <ul style="list-style-type: none"><li>• First Division with Star Marks and Distinctions in 8 subjects</li><li>• Stood <b>7th</b> in the combined merit list in Dhaka Board</li><li>• Total Marks: 937 out of 1000</li></ul>	
RESEARCH INTERESTS	Network Security, Artificial Intelligence	
AWARDS	Bangladesh University of Engineering and Technology <ul style="list-style-type: none"><li>• Dean's Award in each of the four academic years for excellent academic results</li><li>• Academic Merit Scholarship in each of the eight semesters for outstanding results</li><li>• Excellent Academic Performance Award from Ahsanullah Hall, BUET.</li></ul> Notre Dame College <ul style="list-style-type: none"><li>• Award for Academic Excellence.</li></ul> Dhaka Education Board <ul style="list-style-type: none"><li>• Scholarship for excellent result in the H.S.C. examination.</li><li>• Scholarship for excellent result in the S.S.C. examination.</li></ul>	
AWARDED SCHOLARSHIP	I have currently been awarded the prestigious <b>International Fulbright Science and Technology Award 2010</b> .	

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PROFESSIONAL EXPERIENCE	<i>Lecturer</i> Department of Computer Science and Engineering Bangladesh University of Engineering and Technology	<b>April 2008 - August 2010 (On leave)</b>
RESEARCH EXPERIENCE	Worked with Dr. Md. Monirul Islam and Md. Shohrab Hossain on <b>Nov 2006 - Nov 2007</b> <ul style="list-style-type: none"> <li>• “Evolution of Neural Networks using Genetic Algorithm”</li> <li>• “Permutation free Encoding Techniques”</li> </ul>	
	Working with Dr. M. Mahfuzul Islam on	<b>March 2009 - August 2010</b>
	<ul style="list-style-type: none"> <li>• “Network Security and Dynamic Trust Models.”</li> </ul>	
OTHER WORK EXPERIENCE	<i>Cisco Regional Academy Instructor</i> <ul style="list-style-type: none"> <li>• Member of the Cisco Regional Academy in BUET. BUET is the Cisco Regional Academy of Bangladesh for CCNA Discovery/Exploration curricula.</li> </ul>	<b>May 2008 - August 2010</b>
OTHER ACTIVITIES	<ul style="list-style-type: none"> <li>• Paper Reviewer in the 35th IEEE Conference on Local Computer Networks (LCN).</li> <li>• Paper Referee in the 2009 World Summit on Genetic and Evolutionary Computation.</li> <li>• A member of the Organizing Committee of WALCOM 2010.</li> <li>• Member of the CSE football team, semifinalist in the inter departmental competition.</li> <li>• Member of BUET Film Society.</li> </ul>	
PUBLICATIONS	<i>Conference Proceedings</i> <ul style="list-style-type: none"> <li>• Anupam Das and Mohammad Mahfuzul Islam. A Novel Feedback Based Fast Adaptive Trust Model for P2P Networks. In <i>Proceedings of the 5th international symposium of 35th IEEE Local Computer Networks (LCN’ 2010)</i>, pp. 568-575, Colorado, USA, 2010.</li> <li>• Anupam Das and Saeed Muhammad Abdullah. Evolving Multilayer Neural Networks using Permutation free Encoding Technique. In <i>Proceedings of the 2009 International Conference on Artificial Intelligence (ICAI’09)</i>, vol. I, pp. 32-38. Las Vegas Nevada, USA, 2009.           <ul style="list-style-type: none"> <li>• Anupam Das, Md. Shohrab Hossain, Saeed Muhammad Abdullah, and Rashed Ul Islam. Permutation Free Encoding Technique for Evolving Neural Networks. In <i>Proceedings of the 5th international symposium on Neural Networks: Advances in Neural Networks (ISNN’08)</i>, pages 255–265, Beijing, China , 2008.</li> </ul> </li> </ul>	
TECHNICAL SKILLS	PROGRAMMING LANGUAGES C/C++, Visual C++, Java, C#, Prolog, Assembly Language(Intel 80x86), UNIX shell scripting, PL/SQL, OpenGL, Verilog. MODELING LANGUAGES AND TOOLS UML, E-R Diagram, Smart Draw, Microsoft Visio. FRAMEWORKS AND PLATFORMS Microsoft Visual Studio .NET, JBuilder, GCC. DATABASE SYSTEMS Oracle, MySQL, Microsoft Access. SIMULATION TOOLS MATLAB, Router Sim, Circuit Maker, PSPICE, Quartus, Packet Tracer, Microwind. TYPESETTING TOOL L <sup>A</sup> T <sub>E</sub> X, Microsoft Office.	

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SOFTWARE  
PROJECTS

**Cricket Animation**

*June 2007*

In this project a 3D animation of a cricket match was simulated. It contained features like-wagon wheel chart, hack eye, split screen etc. that are available in real live cricket match. This program was developed using OpenGL libraries.

**My Media Player**

*June 2007*

A simple media player implemented using Java Media Framework (JMF) that supports different types of audio and video formats.

**Neural Network Classifier**

*June 2007*

This program constructed three layer Neural Network for classifying different medical diagnosis problem like- breast cancer, heart disease, diabetes and thyroid. The program was implemented using Visual Studio .NET and it was used for my undergraduate thesis simulation.

**Newspaper Management System**

*November 2006*

Design and implementation of a software based solution to manage the reporting and news editing system of a newspaper. Visual Studio .NET (C#) and Oracle Database were used in the implementation.

**UNIX File System and Memory Management Unit**

*January 2006*

A program that mimics the UNIX file system and memory management by creating a file on hard disk and treating that file as a disk. Various popular Linux shell commands were implemented in this program. This was implemented in GNU GCC compiler on Fedora Core 4 Linux.

**Hotel Management System**

*July 2005*

A desktop based application which maintains all data and data manipulation logic necessary for the business transactions of an international Hotel. Its front end was implemented using C# and back end using Oracle Database.

**IRC Server and Client**

*August 2003*

A term project implemented using Java Socket Programming to establish real-time internet chat over a LAN. It contained all the main features available in chat clients. Both IRC server and client were implemented.

HARDWARE  
PROJECTS

**Heart monitoring System (Electrocardiogram Machine)**

*June 2007*

This project implements a heart monitoring system similar to ECG based on microcontroller and cell phones so that it can be easily portable and more cost effective. The project also highlighted how Patient Location system for central monitoring could be achieved through GPRS.

**4 Bit Microprocessor Design and Implementation**

*November 2006*

Manually Designed and simulated using Circuit Maker. It can handle 28 instructions and is completely programmable. Instructions are dynamic and stored in RAM. Special features of the design were two cycles per instruction and smart branching (microprogram approach).

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REFERENCES

Dr. Md. Monirul Islam  
Professor and Head  
Department of Computer Science and Engineering  
Bangladesh University of Engineering and Technology

Dr. Md. Mahfuzul Islam  
Assistant Professor  
Department of Computer Science and Engineering  
Bangladesh University of Engineering and Technology

Dr. M. Kaykobad  
Professor  
Department of Computer Science and Engineering  
Bangladesh University of Engineering and Technology

Dr. A.K.M. Ashikur Rahman  
Assistant Professor  
Department of Computer Science and Engineering  
Bangladesh University of Engineering and Technology

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