

# FAZLUL HASAN SIDDIQUI

## Present & Contact Address

Flat 6A, Plot 486, Road 7,  
DOHS, Mirpur, Dhaka-1216,  
Bangladesh

## Occupation

Assistant Professor,  
Department of Computer Science & Engineering,  
Dhaka University of Engineering & Technology,  
Gazipur-1700,  
Bangladesh.

**Phone** +88 01957 964549

**Email** [fazlul.siddiqui@gmail.com](mailto:fazlul.siddiqui@gmail.com)

**Web** [www.duet.ac.bd/cse/fhsiddiqui](http://www.duet.ac.bd/cse/fhsiddiqui)

## Permanent Address

Vill & P.Office: Garakhola  
Police Station: Phultala  
District: Khulna  
Country: Bangladesh

## Others

Passport No: AA5336137  
National Id: 2695045913206  
Date of Birth: 07 - 08 - 1980.  
Sex: Male.  
Marital Status: Married.  
Nationality: Bangladeshi.  
Languages: English, Bengali.  
Affiliation: IEB, Bangladesh. M-21013.

## Educational Qualifications

Certificate/Degree	College/University	Year of passing	Division/Class	GPA / (%) of Marks
PhD in the field of AI Planning, Research School of Computer Science	Australian National University, Canberra, Australia	September, 2015	Submitted	-
M.Sc. in Computer Science & Engineering	Bangladesh University of Engineering & Technology, Dhaka, Bangladesh	February, 2007	1 <sup>st</sup> class with honors	3.75 out of 4.00
B.Sc. in Computer Science & IT	Islamic University of Technology, Gazipur, Bangladesh	October, 2002	1 <sup>st</sup> class with honors	4.57 out of 5.00
H.S.C. from science group	Jhenidah Cadet College, Jhenidah, Bangladesh	1998	1 <sup>st</sup> class (18 <sup>th</sup> position)	88%
S.S.C. from science group	Jhenidah Cadet College, Jhenidah, Bangladesh	1996	1 <sup>st</sup> class with star mark	87%

**Ph.D. Thesis Title:** Using Plan Decomposition for Continuing Plan Optimisation and Macro Generation.

**Ph.D. Research Lab:** Optimisation Research Group, National ICT Australia (NICTA), Canberra, Australia.

**M.Sc. Courses:** Advance Database Systems, Data Mining, Parallel Algorithm, Neural Networks, Graph Theory, Computational Geometry.

**M.Sc. Thesis Title:** Distributed Data Warehouse Management in a Parallel Environment using Compressed Relational Structure.

**B.Sc. Thesis Title:** Bengali Character Recognition Using Bidirectional Associative Memories (BAM) Neural Network

## Experience

Name of the Organization	Position	From	To
Dhaka University of Engineering & Technology, Gazipur, Bangladesh	Assistant Professor	30/11/2006	Ongoing
Dhaka University of Engineering & Technology, Gazipur, Bangladesh	Lecturer	23/04/2003	29/11/2006

## Achievements

- i. ANU and National ICT Australia PhD Scholarship, 2012 - 2015
- ii. 18<sup>th</sup> position in the combined merit list of Jessore board in HSC examination, 1998.
- iii. Government scholarship for the excellent result in both SSC and HSC examination, 1996 & 1998.
- iv. OIC scholarship during the study in B.Sc. at IUT, 1999 – 2002.
- v. Awards for developing 'Online Library Management System' and 'Online Admission Processing System' of Dhaka University of Engineering & Technology, Gazipur, Bangladesh, 2011.

## Fields of Interest

Artificial Intelligence, Data Mining, Neural Network, Pattern Recognition and Software Engineering.

## Known Programming and Database Languages

C, C++, C#, Java, Python, ASP, JSP, PHP, Prolog, MATLAB, R, AutoCAD, Oracle, SQL Server and MySQL.

## List of Publications

Sl. No	Title of the Paper	Title of the Journal / Proceedings	Year and Country of Publication
01	Continuing Plan Quality Optimisation	Journal of Artificial Intelligence Research (JAIR)	Under review, 2015
02	Exploiting Block Deordering for Improving Planners Efficiency	24th International Joint Conference on Artificial Intelligence (IJCAI 2015)	Buenos Aires, Argentina, July 2015
03	Plan Quality Optimisation via Block Decomposition	23rd International Joint Conference on Artificial Intelligence (IJCAI 2013)	Beijing, China August, 2013
04	Local Search in the Space of Valid Plans	23rd International Conference on Automated Planning and Scheduling (ICAPS 2013)	Rome, Italy June 2013
05	Block-structured Plan Deordering	25th Australasian Joint Conference on AI (AI'12)	Sydney, December 2012
06	Dynamic Web Service Discovery Model Based on Artificial Neural Network with QoS Support	International Journal of Scientific and Engineering Research, Vol. 3, Issue 3	France, March 2012

07	DMBVA – A Compression-based Distributed Data Warehouse Management in a Parallel Environment	Malaysian Journal of Computer Science, Vol. 20(1), pp. 63-76.	Malaysia, November 2007
08	PCVDC: Parallel Construction of Virtual Data Cube from a Distributed Compressed Data Warehouse	9 <sup>th</sup> International Conference on Computer and Information Technology, pp. 183-188	Independent University, Bangladesh, December 2006
09	Parallel Virtual Data Cube Construction from a Distributed Compressed Data Warehouse	Proceedings of the International Conference on ICT for the Muslim World, pp. 1-8	International Islamic University Malaysia, 2006
10	A Proposed Architecture for Efficient Implementation of Large-scale Hopfield Neural Network using CDMA Communication Technology	8 <sup>th</sup> International Conference on Computer and Information Technology, pp. 580-584	Islamic University of Tech, Bangladesh, December 2005
11	A Combinational Approach of Neural and Fuzzy Logic to Recognize Handwritten Bengali Character	7 <sup>th</sup> International Conference on Computer and Information Technology, pp. 606-609	BRAC University, Bangladesh, December 2004
12	An Enhanced System for Face Recognition Using Hidden Markov Models and Wavelets	7 <sup>th</sup> International Conference on Computer and Information Technology, pp. 575-579	BRAC University, Bangladesh, December 2004
13	Bengali Character Recognition Using Bidirectional Associative Memories (BAM) Neural Network	5 <sup>th</sup> International Conference on Computer and Information Technology, pp. 247-251	East West University, Bangladesh December 2002

## References

Dr. Patrik Haslum PhD Supervisor & Research Fellow ARC Australian National University Australa <a href="mailto:patrik.haslum@anu.edu.au">patrik.haslum@anu.edu.au</a>	Dr. Md. Saiful Islam Assistant Professor, College of Computer and Information Sciences, King Saud University, Saudi Arabia (KSA) <a href="mailto:saislam@ksu.edu.sa">saislam@ksu.edu.sa</a>	Dr. Nasim Ahmed Head of the department, Department of CSE, DUET Gazipur-1700, Bangladesh Phone: 88 01199 117213 <a href="mailto:drkashemll@duet.ac.bd">drkashemll@duet.ac.bd</a>
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