

**EUROPEAN
CURRICULUM VITAE
FORMAT**

PERSONAL INFORMATION

Name **SHARMIN, NUSRAT**
Address Suncity Hasnahena, Plot-02, Avenue-04, Block-C, Mirpur-12, Dhaka, Bangladesh
Telephone **+8801711379057**
E-mail nusrat_nik@yahoo.com
Nationality Bangladeshi

Gender Female

Current Position Phd Student

WORK EXPERIENCE

Dates 17th October, 2011 to till date.
Name and address of employer **Ahsanullah University of Science Technology (AUST)**
Address: 141 & 142, Love Road,
Tejgaon Industrial Area, Dhaka-1208, Bangladesh.
Website: www.aust.edu

Type of business or sector University
Occupation or position held **Full-time Lecturer**
Main activities and responsibilities Prepare and deliver lecturers. Teaching several courses and practical classes of bachelor level.
Subject Taught: Data Structure Lab, Discrete Mathematics, Digital Logic Design, Information System Design Lab, Numerical Method Lab and Programming Language Lab.

Dates 19th May, 2007 to 30th September, 2008
Name and address of employer **Ahsanullah Institute of Information and Communication Technology**
Address: B#91, Road #E-2, Eastern Housing Ltd., Pallabi, Dhaka, Bangladesh.

Type of business or sector Educational Institute
Occupation or position held Lecturer (Full-time)
Main activities and responsibilities Prepare and deliver lecturers. Teaching several courses including practical classes. Subject Taught: Data Structure, Microprocessor, Software Engineering, Computer Graphics.

Dates 5th November, 2007 to 30th July, 2009
Name and address of employer **Ahsanullah University of Science Technology (AUST)**
Address: 141 & 142, Love Road,
Tejgaon Industrial Area, Dhaka-1208, Bangladesh.
Website: www.aust.edu

Type of business or sector University
Occupation or position held **Part-time Lecturer**
Main activities and responsibilities Conducting Practical classes of undergraduate level

Dates 18th October, 2008 to 30th April, 2009

Name and address of employer	The People's University of Bangladesh Address: 3/2, Asad Avenue. Mohammadpur, Dhaka-1207 Website: www.pub.ac.bd
Type of business or sector	University
Occupation or position held	Part-time Lecturer
Main activities and responsibilities	Conducting class of several undergraduate courses.
EDUCATION	
Dates	October, 2009 – June, 2011
Title of qualification awarded	M.Sc. in Advanced Computing Systems
Name and type of organization providing education	Lucian Blaga University of Sibiu, Romania Department of Computer Science and Electrical Engineering
Principal subjects	Research Methods in Advanced Computing architectures, Advances in software Engineering, Advanced Computer Graphics, Neuroprocessing, Advanced Compression Methods, Grid Computing and Evolutionary Computing
Grade	10
Scale	10
Dates	April, 2003 – June, 2007
Title of qualification awarded	Bachelor of Science in Computer Science and Engineering
Name and type of organization providing education	Ahsanullah University of Science & Technology (AUST) Computer Science and Engineering Department
Principal subjects	Discrete Mathematics, Programming Language-I, Object Oriented Programming, Operating Systems, Numerical Methods, Software Engineering, Databases, Data structure, Algorithms, Digital Logic Design, Digital System Design, Artificial Intelligence , Computer Networks.
Grade	3.858
Scale	4
Dates	April, 2000 – May, 2002
Title of qualification awarded	Higher Secondary School Certificate
Name and type of organization providing education	Rifles Public School and College
Principal subjects	Science
Grade	74% marks
MOTHER TONGUE	BANGLA
OTHER LANGUAGES	
	ENGLISH
• Reading skills	Excellent
• Writing skills	Good
• Verbal skills	Good
SOCIAL SKILLS AND COMPETENCES	Good communication skills, gained through my work experience as lecturer. Experienced in both individual and team work. Fast adaption to work in multicultural environments gained through the study experience abroad during Masters.

TECHNICAL SKILLS
AND COMPETENCES

Quickly accustomed to any technical equipment.
Good at solving technical problems.

COMPUTER SKILLS
AND COMPETENCES

Knowledge of various programming languages (C, C++, Java, C#, SQL)
Experienced in various standard IDEs including Eclipse and MS Visual Studio
Knowledge of database Systems(Oracle, MySQL)
Basic Knowledge of Computer System Administration (Mac OSX, Linux, Windows)

ADDITIONAL INFORMATION

Scholarships:

- Erasmus Mundus Mobility with Asia (EMMA)
- Got scholarships based on semester final results in B.Sc. (all semesters)
- Dean's list of honour at AUST

Project and Thesis:

Masters' Thesis:

Title: A Performance Investigation on Lucas Kanade Optical Flow Algorithm

Supervisor: Dr. Remus Brad

Associate Professor

Computer Science and Automatic Control Department

Faculty of Engineering

"LUCIAN BLAGA" University of Sibiu, Romania.

Undergraduate Thesis:

Title: System Analysis and Design Project

o Analysis and Design of 'Virtual University Information System' using Oracle 9i and Dreamweaver. (Team of 4)

o Performed requirement collection, analysis and system design.

Publications:

1. **Nusrat Sharmin** and Remus Brad, '**Optimal Filter Estimation for Lucas-Kanade Optical Flow**', Sensors, vol. 12, no. 9, pp. 12694-12709, September 2012.

2. Md. Shahriar Mahbub and **Nusrat Sharmin**, '**A New Evolutionary Approach for Base Station Transmitter Placement**'. In Proceedings of 10th International Conference on DEVELOPMENT AND APPLICATION SYSTEMS, Suceava, Romania, May 27-29, 2010, pp. 152-155.