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CURRENT POSITION	Research Assistant under supervision: Engr. Shafait Ahmed Assistant Professor, Dept. of EEE International Islamic University Chittagong, Bangladesh	
RESEARCH INTERESTS	Artificial and Augmented Intelligence, Machine Learning, Big Data Science, Computational Vision, Cloud Computing and Internet of Things.	
EDUCATION	Bachelor of Science in Computer Science & Engineering Port City International University (PCIU), Chittagong, Bangladesh CGPA: 3.99 out of 4.0, 1st among 80 students Study Duration: 3-8-2014 to 25-1-2018 (D/M/Y) Dissertation: An Intelligent system on Environment Quality Remote Monitoring and Cloud Data Logging using Internet of Things (IOT). Contribution : "Prevention is better than cure"- Proposed an implemented intelligent system with highly efficient and automatic way to measure vital environmental parameters, gases and water condition. If any parameters exit their natural range, user get a notification about becoming environment pollution. Diploma in Engineering in Computer Technology Bangladesh Sweden Polytechnic Institute (BSPI), Kaptai, Bangladesh CGPA: 3.54 out of 4.0, 4th among 200 students Study Duration: 23-9-2009 to 18-2-2014 (D/M/Y)	
KEY UNDERGRADUATE COURSES	Structured Programming Object Oriented Programing Discrete Mathematics Data Structures and Algorithms Computer Graphics and Compiler Math (Linear Algebra, Matrices, Vector analysis) Numerical Methods	Database System Software Engineering Data Communication Theory of Computing Artificial Intelligence Simulation & Modeling Pattern Recognition
KEY DIPLOMA COURSES	Computer Fundamentals Engineering Science –Physics Engineering Science-Chemistry Microprocessor and Microcontroller Data Communication and Computer Network Advance Digital System Industrial Power Electronics Data Structures & Algorithm	Basic Electricity Engineering Drawing Database Management Assembly Languages Web Programming Java Programming Computer Servicing Mathematics (I-VI)

DISTINCTIONS

- 1) Departmental **"Merit Scholarship"** in undergraduate for excellent academic performances. Awarded by Port City International University from 2014 to 2018
- 2) **"Board Scholarship"** in school level for outstanding result from 2007 to 2009. Awarded by Rangamati District, Bangladesh
- 3) **Ranked top 300** in EATL Apps Competition Bangladesh in 2015
- 4) **Top 5** in Divisional Math Olympiad Rangamati in 2009 experience

PROFESSIONAL EXPERIENCE

1) Sr. Software Engineering

Software Development, Easynet
East Nasirabad, Chittagong, Bangladesh
Responsibility: Programming and user Documentation creating
Duration: February 2018 to October 2018

2) Jr. IT Officer

Dainik Purbokone News Portal
Nasirabad, Chittagong, Bangladesh
Responsibility : System Maintenance and Network Monitoring
Duration: February 2014 to August 2014

RESEARCH AND PUBLICATIONS

1) Md. Shaedul Islam "An Intelligent System on Environment Quality

Remote Monitoring and Cloud Data Logging Using Internet of Things (IoT)" Presented at International Conferences on Computer, Communication, Chemical, Materials & Electronic Engineering (IC4ME2) and Technical Co-sponsor IEEE, Rajshahi, Bangladesh. 08-09 February 2018. Available in IEEE Xplore.

2) Md. Shaedul Islam and Rajib Mitra "An Artificial Medical Platform of patient Monitoring and Prescribe the Health Status Using Wireless Sensor Network with Public Key Cryptography for Securing the Medical data" IEEE 2nd International Conference on Electrical, Computer and Communication Engineering (ICECCE), Chittagong Bangladesh, 7-9 February 2019. [Accepted]

3) Md. Shaedul Islam and Mrs. Taofica Amrine "Performance of Deep Learning for Taxonomy of Complex Image Classification by a Human Designed Set of Filters and "RGB" Multi-channel Platforms". [Paper in preparation]

PROJECT AND DEVELOPMENT

1) University Management System- Semester final assignment. Best Project Award in 7th semester among 30 projects

2) Blood Bank Maintenance System- Developed for Life Saver organization in 2016.

3) Online Order and Delivery System-Class assignment in five semesters.

4) School Management System- Developed for Omar Ghani primary School in 2016.


GITHUB PROFILE	The code and documentation of several projects and class assessments are shared on https://github.com/Shaedul/Shaedul_projects
ENGINEERING TRAINING AND COURSES	<p>Title: Training on Web Application Development- Dot Net Institution: Bangladesh Association of Software and Information Services (BASIS) Institute of Technology & Management (BITM) Topics: Basic C#, OOP basics, Web Basics (HTML, CSS, JavaScript), Working with database (MS SQL Server), Web Programming basics using ASP.Net web form, Web programming basics using ASP.Net MVC, Understanding agile software project management, and Understanding full life cycle of a real life project with in depth involvement. Duration: 27 December 2016 to 06 April 2017</p> <p>Title: Industrial Training on Professional Networking Institution: Oracle Training & software LTD. Topics : Hardware & trouble Shooting, Networking Basics, Windows XP, Windows 7, Windows 2003, 2008 & Linux 6.3 Server. Duration: 01 November 2012 to 31 January 2013</p> <p>Title: Training on Basic Computing and Microsoft office Institution: Dotcom Computer Training Centre- A Welfare Project of Rangamati Zone Rangamati Region. Topics: Introduction to PC, Operation System, Microsoft Office, Graphics Software, and PC Maintenance & Troubleshooting. Duration: 04 July 2009 to 04 September 2009</p> <p>Title: Online courses on Artificial Intelligence and Machine learning at Coursera</p>
COMPUTER SKILLS	<p>Languages: R, Python, MATLAB, Java, PHP, .NET C, C++, C#, MYSQL, SQL, HTML, CSS, LaTeX</p> <p>Programming IDEs: RStudio, Eclipse, Netbeans, Microsoft Visual Studio</p> <p>Operating Systems: Windows, Linux</p> <p>Other Tools: Weka, Git, Github, MS Office</p>
TECHNICAL SKILLS	IELTS-Overall-6.00 (Speaking-6.0, Listening-6.5, Reading-5.5, Writing-6)
EXTRACURRICULAR ACTIVITIES	<p>*General Secretary (GS), at CSE club, PCIU (2015 to 2018)</p> <p>* Executive Member of Programming Club (2014 to present)</p> <p>* Leading Member of PCIU Debate Club (2016 to present)</p> <p>* Captain of PCIU Football Team (2016 to 2018)</p> <p>* Volunteer at CTG BLOOD BANK, Chittagong (2013 to present)</p> <p>* Playing Guitar, Photography, Writing, Driving,</p>
CITIZENSHIP	Bangladeshi

LANGUAGES Bengali (Mother Tongue), English (Professional), Hindi, Arabic

MEMBERSHIP Computer Club, Port City International University, 2014 to present

REFERENCES	Dr. Muhammad Anwarul Azim Professor Coordinator Department of Computer Science & Engineering Port City International University Chittagong, Bangladesh E-mail : azim@cu.ac.bd.com	Dr. Rashed Mustafa Associate Professor Adjunct faculty Department of Computer Science & Engineering Port City International University Chittagong, Bangladesh E-mail : rashed.m@cu.ac.bd
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DECLARATION I, the undersigned, certify that to best of my knowledge & belief, this resume correctly describe my qualifications & me. I understand any willful misstatement described here may lead to my disqualification.


SIGNATURE: Md. Shaedul Islam
Date: 2/2/2018