

AHMEDUR RAHMAN SHOYON

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Education	Master of Science in Information Technology(Thesis Group) (2018) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.67 (in the scale of 4.00), research covers 33.33% of total credit.
	Bachelor of Science in Information Technology (2016) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.73 (in the scale of 4.00).
Research Interest	Software Engineering Machine Learning Cloud Computing
Bibliometrics	Journal Article: 1, Conference Papers: 3 Citations: 25, h-index: 2 This bibliometric information was retrieved from Google Scholar Profile on 08/01/2021.
Journal Articles	[J1] Md Whaiduzzaman, Md. Razon Hossain, Ahmedur Rahman Shoyon , Shanto Roy, Aron Laszka, Rajkumar Buyya, and Alistair Barros, “ A Privacy-preserving Mobile and Fog Computing Framework to Trace and Prevent COVID-19 Community Transmission ”, In: <i>IEEE Journal of Biomedical and Health Informatics (J-BHI)</i> . doi: 10.1109/JBHI.2020.3026060. Impact Factor: 5.22, Q1 Journal.
Conference Papers	[C3] Ahmedur Rahman Shoyon , Shanto Roy, Arnab Kumar Shil, and Tanjila Atik, “ GDPR Compliance: Implementation Use Cases for User Data Privacy in News Media Industry ”, In: <i>International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT) - 2019</i> , pp. 1-6. doi: 10.1109/ICASERT.2019.8934660
	[C2] Ahmedur Rahman Shoyon , Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, “ A RESTful E-Governance Application Framework for People Identity Verification in Cloud ”, In: <i>International Conference on Cloud Computing - 2018</i> , Seattle, USA. doi: 10.1007/978-3-319-94295-7_19
	[C1] Shanto Roy, Ahmedur Rahman Shoyon and Md. Whaiduzzaman, “ Combined approach of Tokenization and Mining to secure and optimize Big Data in Cloud Storage ”, In: <i>IEEE R10 Humanitarian Technology Conference (R10-HTC) - 2017</i> , pp. 83-88. doi: 10.1109/R10-HTC.2017.8288912
Research Experience	01/2016 - 12/2018: IIT, Jahangirnagar University, Dhaka, Bangladesh. <i>Research Assistant</i> , Mobile Cloud Computing and Big Data Research Group(MCCBD). Developed RESTful E-Governance application framework for identity verification using deep learning in cloud [C2]. Applied combined approach of tokenization and mining to secure and optimize Big Data in cloud storage [C1].

Teaching Experience	01/2015 - 12/2015: IIT, Jahangirnagar University, Dhaka, Bangladesh. <i>Teaching Assistant, Operating System Lab.</i>
Academic Awards and Honors	2016-2017: National Science and Technology (NST) Fellowship, Ministry of Science and Technology, Bangladesh for Masters Research 2011-2015: University Merit Scholarships at undergraduate level 2011: National Merit Scholarship for Higher Secondary Certificate examination 2010: Champion in higher secondary category at Bangladesh Mathematical Olympiad
Technical Skills	Advanced: Python, JavaScript, SQL, PHP, Git, JIRA, Bash, HTML, CSS. Intermediate: Java, C++, AWS, NoSQL, REST API Design, LaTeX. Basic: C#, Azure, GCP, Openshift, Subversion, Openstack. CI/CD: Docker, Pipelines, Jenkins, Travis CI.
Professional Experience	06/2019 - ongoing: ICT Division, Government of Bangladesh. <i>Assistant Programmer, Department of Information & Communication Technology.</i> 12/2017 - 06/2019: Cefalo Bangladesh Ltd. <i>Software Engineer, NHST Global Team.</i>
Problem Solving Experience	IEEEExtreme Programming Competition 9.0 Team: <i>JUITCoders</i> Achieved 7 th position out of 2,477 teams in 24 October 2015. IUPC - 2015 Achieved 1 st position in <i>Intra University Programming Contest (IUPC), 2015.</i> Online Programming Challenges (<i>Hackerrank Profile</i>) (<i>UVa Profile</i>) Solved 1000+ challenges in Hackerrank, UVa Online Judge, Codeforces, and Leetcode.
Community Contributions	Contribution in StackOverflow Username: <i>arsho</i> Gained 8700+ reputation in <i>StackOverflow</i> where developers learn and build careers. Contribution in Github Username: <i>arsho</i> Contributor and maintainer of several popular open source projects in <i>Github</i> . Python Package Author Username: <i>arsho</i> Developed <i>Bangla</i> , <i>AutoLike</i> , <i>Opener</i> , and <i>CopyUSB</i> Python PyPI indexed packages. Webmaster 05/2015 - 10/2016 IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh.
English Proficiency	IELTS: 7.5 (Listening-8.5, Reading-8.5, Writing-6.0, Speaking-7.0)
References	Dr. Md Whaiduzzaman Associate Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh. Email: wzaman@juniv.edu, Tel: +8801724874449 Dr. M. Shamim Kaiser Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh. Email: mskaiser@juniv.edu, Tel: +8801711932323