

# AHMEDUR RAHMAN SHOYON

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Education	<b>Master of Science in Information Technology(Thesis Group)</b> (2018) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.67 (in the scale of 4.00), research covers 33.33% of total credit.
	<b>Bachelor of Science in Information Technology</b> (2016) Institute of Information Technology, Jahangirnagar University, Bangladesh. CGPA: 3.73 (in the scale of 4.00).
Research Interest	<b>Machine Learning</b> <b>Edge Computing</b> <b>Software Engineering</b>
Bibliometrics	Journal Article: 1, Conference Papers: 3 Citations: 26, h-index: 3 This bibliometric information was retrieved from <a href="#">Google Scholar Profile</a> on 24/02/2021.
Journal Articles	[J1] Md Whaiduzzaman, Md. Razon Hossain, <b>Ahmedur Rahman Shoyon</b> , Shanto Roy, Aron Laszka, Rajkumar Buyya, and Alistair Barros, “ <b>A Privacy-preserving Mobile and Fog Computing Framework to Trace and Prevent COVID-19 Community Transmission</b> ”, 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] <b>Ahmedur Rahman Shoyon</b> , Shanto Roy, Arnab Kumar Shil, and Tanjila Atik, “ <b>GDPR Compliance: Implementation Use Cases for User Data Privacy in News Media Industry</b> ”, 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] <b>Ahmedur Rahman Shoyon</b> , Shanto Roy, Tanusree Sharma, and Md. Whaiduzzaman, “ <b>A RESTful E-Governance Application Framework for People Identity Verification in Cloud</b> ”, In: <i>International Conference on Cloud Computing - 2018</i> , Seattle, USA. doi: 10.1007/978-3-319-94295-7_19
	[C1] Shanto Roy, <b>Ahmedur Rahman Shoyon</b> and Md. Whaiduzzaman, “ <b>Combined approach of Tokenization and Mining to secure and optimize Big Data in Cloud Storage</b> ”, 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: <b>IIT, Jahangirnagar University, Dhaka, Bangladesh.</b> <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].

<b>Teaching Experience</b>	01/2016 - 12/2016: <b>IIT, Jahangirnagar University, Dhaka, Bangladesh.</b> <i>Teaching Assistant, Operating System Lab.</i>
<b>Academic Awards and Honors</b>	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
<b>Technical Skills</b>	<b>Advanced:</b> Python, JavaScript, SQL, PHP, Git, JIRA, Bash, HTML, CSS. <b>Intermediate:</b> Java, C++, AWS, NoSQL, REST API Design, LaTeX. <b>Basic:</b> C#, Azure, GCP, Openshift, Subversion, Openstack. <b>CI/CD:</b> Docker, Pipelines, Jenkins, Travis CI.
<b>Professional Experience</b>	06/2019 - ongoing: <b>ICT Division, Government of Bangladesh.</b> <i>Assistant Programmer, Department of Information &amp; Communication Technology.</i>  12/2017 - 06/2019: <b>Cefalo Bangladesh Ltd.</b> <i>Software Engineer, NHST Global Team.</i>
<b>Problem Solving Experience</b>	<b>IEEEExtreme Programming Competition 9.0</b> Team: <i>JUITCoders</i> Achieved 7 <sup>th</sup> position out of 2,477 teams in 24 October 2015.  <b>IUPC - 2015</b> Achieved 1 <sup>st</sup> position in <i>Intra University Programming Contest (IUPC), 2015.</i>  <b>Online Programming Challenges</b> ( <i>Hackerrank Profile</i> ) ( <i>UVa Profile</i> ) Solved 1000+ challenges in Hackerrank, UVa Online Judge, Codeforces, and Leetcode.
<b>Community Contributions</b>	<b>Contribution in StackOverflow</b> Username: <i>arsho</i> Gained 9000+ reputation in <i>StackOverflow</i> where developers learn and build careers.  <b>Contribution in Github</b> Username: <i>arsho</i> Contributor and maintainer of several popular open source projects in <i>Github</i> .  <b>Python Package Author</b> Username: <i>arsho</i> Developed <i>Bangla</i> , <i>AutoLike</i> , <i>Opener</i> , and <i>CopyUSB</i> Python PyPI indexed packages.  <b>Webmaster</b> 05/2015 - 10/2016 IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh.
<b>English Proficiency</b>	<b>IELTS: 7.5</b> (Listening-8.5, Reading-8.5, Writing-6.0, Speaking-7.0)
<b>References</b>	<b>Dr. Md Whaiduzzaman</b> Associate Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh. Email: wzaman@juniv.edu, Tel: +8801724874449  <b>Dr. M. Shamim Kaiser</b> Professor, Institute of Information Technology, Jahangirnagar University, Dhaka, Bangladesh. Email: mskaiser@juniv.edu, Tel: +8801711932323