

# AHMEDUR RAHMAN SHOYON

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Education	<p><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.</p> <p><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).</p>
Research Interest	<p><b>Machine Learning</b> <b>Edge Computing</b> <b>Software Engineering</b></p>
Journal Articles	<p>[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.</p>
Book Chapters	<p>[B1] <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>Luo M., Zhang L.J. (eds) Cloud Computing – CLOUD 2018. Lecture Notes in Computer Science, vol 10967. Springer, Cham.</i> <a href="https://doi.org/10.1007/978-3-319-94295-7_19">https://doi.org/10.1007/978-3-319-94295-7_19</a>.</p>
Conference Papers	<p>[C2] <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</p> <p>[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</p>
Research Experience	<p>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 in cloud [B1]. Applied combined approach of tokenization and mining to secure and optimize Big Data in cloud storage [C1].</p>
Bibliometrics	<p>This bibliometric information was retrieved from <a href="#">Google Scholar Profile</a> on 28/09/2020. Google Scholar Citations: 21 h-index: 2</p>

Teaching Experience	01/2015 - 12/2015: <b>IIT, Jahangirnagar University, Dhaka, Bangladesh.</b> <i>Teaching Assistant</i> , Operating System Lab.
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	<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.
Professional Experience	06/2019 - ongoing: <b>ICT Division, Government of Bangladesh.</b> <i>Assistant Programmer</i> , Department of Information & Communication Technology.  12/2017 - 06/2019: <b>Cefalo Bangladesh Ltd.</b> <i>Software Engineer</i> , NHST Global Team.
Problem Solving Experience	<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)</i> , 2015.  <b>Online Programming Challenges</b> ( <i>Hackerrank Profile</i> ) ( <i>UVa Profile</i> ) Solved 1000+ challenges in Hackerrank, UVa Online Judge, Codeforces, and Leetcode.
Community Contributions	<b>Contribution in StackOverflow</b> Username: <i>arsho</i> Gained 8100+ reputation in <i>StackOverflow</i> where developers learn & 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> Author of <i>Bangla</i> , <i>AutoLike</i> and <i>CopyUSB</i> packages which are published in <i>PyPI</i> .  <b>Webmaster</b> 05/2015 - 10/2016 IEEE Student Branch, Jahangirnagar University, Dhaka, Bangladesh.
English Proficiency	<b>IELTS: 7.5</b> (Listening-8.5, Reading-8.5, Writing-6.0, Speaking-7.0)
References	<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