

Syed Ashiqur Rahman
PhD Candidate, West Virginia University

srahman2@mix.wvu.edu, <https://syedashiqurrahman.github.io/>, +1(304)-276-9808,

INTENDED POSITION	I am currently seeking a full-time position for Fall 2019 in the area of Deep Learning, Machine Learning, Health Informatics
EDUCATION	<p>PhD in Computer Science, West Virginia University</p> <ul style="list-style-type: none">• Advisor: Dr. Donald Adjeroh, Professor, Department of Computer Science, West Virginia University <p>B.Sc. in Computer Science and Engineering <i>Graduated: December 2007</i> University of Dhaka, Dhaka, Bangladesh</p> <ul style="list-style-type: none">• Thesis Topic: <i>Topology Management for Wireless Ad-hoc Network</i>• Advisor: Dr. Asif Hossain Khan, Assoc. Prof., Dept. of CSE, University of Dhaka
EXPERIENCE	<p>Graduate Research Assistant <i>Current Position</i></p> <ul style="list-style-type: none">• Vision & Image Processing Lab, West Virginia University <p>Daffodil International University. Lecturer, Dept. of CSE <i>January 2009 - December 2011</i></p> <ul style="list-style-type: none">• Member of the Research Lab of Professor Syed Akhter Hossain• Coach of ACM Programming Team <p>Ericsson Bangladesh Ltd., Dhaka, Bangladesh Member, RND-Team <i>Jan 2008 – Jan 2009</i></p> <ul style="list-style-type: none">• Involved on the total RND cycle <i>From field data collection to radio network optimization</i>
PUBLICATION	<p>Journal</p> <ul style="list-style-type: none">• “Surface-Based Body Shape Index and Its Relationship with All-Cause Mortality”, SA Rahman, D Adjeroh PloS one 10 (12), 2015 [link]• “Anomaly Intrusion Detection System in Wireless Sensor Networks: Security Threats and Existing Approaches”, MS Islam, SA Rahman, International Journal of Advanced Science and Technology 36 (1), 1-8, 2011 [link]• “A Hierarchical Overlay Design for Peer to Peer and SIP Integration”, MS Islam, SA Rahman, R Ahmed, M Hasan, International Journal of Computer Science and Information Security 9 (6), 94, 2011 [link] <p>Conference</p> <ul style="list-style-type: none">• “Determinants of User Ratings in Online Business Rating Services”, SA Rahman, T Afrin, D Adjeroh, International Conference on Social Computing, Behavioral-Cultural Modeling, 2015 [link]• “Automatic Detection of Helmet Uses for Construction Safety”, AHM Rubaiyat, TT Toma, M Kalantari, SA Rahman, Proceedings of the IEEE/WIC/ACM WI Workshop on Advanced Methods in Optimization and Machine Learning (WI-BIH), 2016.
NOTABLE ACADEMIC PROJECTS	<p>Programming</p> <ul style="list-style-type: none">• Mini-places Challenge : Scene Recognition by CNN in MatConvNet• Vehicle Brand Identification (Image Processing) in Matlab• Compiler for Pascal in C using Lex & YACC• Bengali Handwriting Recognition in Matlab & R <p>Web Development</p> <ul style="list-style-type: none">• Pattern Recognition on Real world data using different algorithm• Design and Development of Payroll Management Module in ERP• Image Matching Application• 3D view of a stadium, by OpenGL & C• A Simple Compiler for Pascal, by lex-yacc & C• IPC Problem using both threading and resource sharing
HONORS, AWARDS & ACTIVITIES	<ul style="list-style-type: none">• SBP-BRiMS Student Travel Award, 2016• SBP-BRiMS Student Chair, 2015• SBP-BRiMS Diversity Scholarship, 2014• Ministry of Education, Government of Bangladesh<ul style="list-style-type: none">• Excellence in Higher Secondary Certificate Examination, 2001-2007• Excellence in Secondary School Certificate Examination, 1999-2001