

Avijit Bhattacharjee



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Summary

- Completed B.Sc. in CSE with CGPA 3.74 / 4.0 (2nd position in my batch)
- Participated in prestigious ICPC Dhaka Regional'2017 and NCPC'2015
- Former Vice-President of CLUSTER
- Completed few useful projects in Undergrad
- Organized CSE fest'2017, Study tour'2017 and volunteered to similar programs previously.

Education

M.Sc. , Computer Science(Software Research Lab) January 2019 -
University of saskatchewan, Canada


B.Sc. in Engg, Computer Science And Engineering June 2014 - August 2018
Discipline, Khulna University, Khulna
CGPA 3.74 / 4.0 (2nd among 40 students)

Thesis Title: “Phylogenetic Tree Construction Using Chemical Reaction Optimization”

HSC from Dhaka City College, Dhaka with GPA-5.0/5.0 2011 - 2013

SSC from Jatrabari Ideal High School, Dhaka with GPA-5.0/5.0 2011

Research Interests Software Engineering, Data Mining, Machine Learning, Cloud Computing, Optimization Problems


Publications Bhattacharjee, Avijit, SK Rahad Mannan, and Md Rafiqul Islam. *Phylogenetic Tree Construction Using Chemical Reaction Optimization*. International Conference on Intelligent Systems Design and Applications. Springer, Cham, 2018. 

Experience

Graduate Research Assistant, University of Saskatchewan January 2019 - Present



















- Currently, I am working on modernizing a legacy system called *CRHM: The Cold Regions Hydrological Model*. CRHM is also part of mega project “GWF: Global Water Future”. GWF is the most cited freshwater research program in the world which looks for solutions to Water Threats in an Era of Global Change.

Intern, Trustaira Bangladesh Limited July 2017 - August 2017

- Integrated several modules in order to analyze phonetic Bengali sentences. 

Vice-President, CLUSTER January 2017 - December 2017

- Club for Updated Search on Computer (CLUSTER) was established on 1999 by CSE Discipline, Khulna University. The club is well known all around the country for its IT-based social activities at the southern part of Bangladesh.

Academic Honors	University Merit List	2014, 2015, 2016, 2017														
Competition Faced	<ul style="list-style-type: none">ACM ICPC Dhaka Site Regional organized by University Of Asia Pacific, BangladeshBUET NCPC organized by Bandladesh University of Engineering and TechnologyACM ICPC Dhaka Site Regional Preliminary	November 2017 2015 2014-2017														
Computer Skills	Languages: C, C++, Java, Assembly MASM, PHP Software: Git, VIM, Sublime text, Latex Operating Systems: Linux, Windows Frameworks and Library: Bio++(A C++ library for bioinformatics), Laravel															
Undergraduate Projects	<table><tr><th>Title</th><th>Link</th></tr><tr><td>Touch-type learning application for windows</td><td></td></tr><tr><td>An Online Bus Ticket Booking System PIGEON</td><td></td></tr><tr><td>Project Management Software Like Trello</td><td></td></tr><tr><td>Integer Computer Management Solutions</td><td></td></tr><tr><td>Online Admission Test Registration System for KU</td><td></td></tr><tr><td>My Online Judge Problem Solutions</td><td></td></tr></table>	Title	Link	Touch-type learning application for windows		An Online Bus Ticket Booking System PIGEON		Project Management Software Like Trello		Integer Computer Management Solutions		Online Admission Test Registration System for KU		My Online Judge Problem Solutions		
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Extra Curricular Activities	<ul style="list-style-type: none">Coordinator, CSE Discipline Study Tour-2017Organizing Member, KU CSE Fest 2017Volunteer, KU CSE Fest 2015															
References	<ul style="list-style-type: none">Dr. Chanchal Roy Associate Professor, University Of Saskatchewan Email: chanchal.roy@usask.caDr. Md. Anisur Rahman Professor, Khulna University Email: anis@cseku.ac.bdDr. Kamrul Hasan Talukder Professor, Khulna University Email: k.h.t@alumni.nus.edu.sg															